

Converting Colors

YUV(244.7110, 1.6215, -6.7625)

Have a look what the booklet for
YUV(244.7110, 1.6215, -6.7625)
contains.

YUV(244.7110, 1.6215, -6.7625)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(244.7110, 1.6215,
-6.7625)**

Conversions

Conversions Part 1

Format	Color
Hex	EDF8F8
RGB	237, 248, 248
RGB Percent	93%, 97%, 97%
CMY	0.0706, 0.0275, 0.0275
CMYK	0.04, 0.00, 0.00, 0.03
HSL	180°, 44%, 95%
HSV	180°, 4%, 97%
XYZ	85.4357, 91.9166, 102.0457
YIQ	244.7110, -6.5560, -2.3320

Conversions

Conversions Part 2

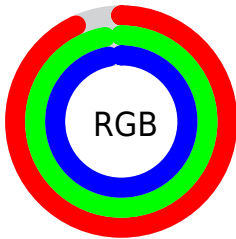
Format	Color
R _Y B	237, 243, 248
Decimal	15595768
CIE Lab	96.79, -3.60, -1.26
CIE LCh	97, 3.819, 199.328
Yxy	91.9166, 0.3058, 0.3290
Android (android.graphics.Color)	4293785848 (0xFFEDF8F8)
YUV	244.7110, 1.6215, -6.7625
Hunter-Lab	95.8732, -8.7108, 4.0040

Details

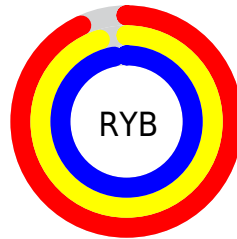
The YUV color $244.7110, 1.6215, -6.7625$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $240.2890, -1.6215, 6.7625$, and the grayscale version is $245.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $188.7110, 1.6215, -6.7625$ is the 20% darker color. If you saturate the color by 10%, you get $237.2360, 5.3067, -22.1320$, and if you desaturate by 10%, it is $250.0930, -1.0318, 4.3034$.

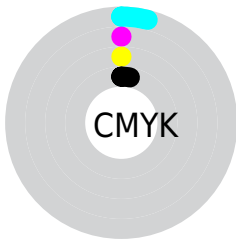
Distribution



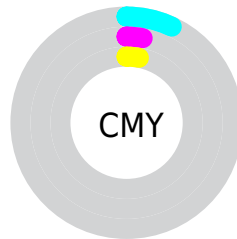
- Red (93%)
- Green (97%)
- Blue (97%)



- Red (93%)
- Yellow (95%)
- Blue (97%)



- Cyan (4%)
- Magenta (0%)
- Yellow (0%)
- Black (3%)



- Cyan (7%)
- Magenta (3%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the YUV color 244.7110, 1.6215, -6.7625 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the YUV color 244.7110, 1.6215, -6.7625 by changing the saturation by 10% instead.

244.7110, 1.6215,
-6.7625

244.7110, 1.6215,
-6.7625

255.0000, 0.0000,
0.0000

216.0100, 1.4741,
-6.1478

188.7110, 1.6215,
-6.7625

161.7110, 1.6215,
-6.7625

135.0100, 1.4741,
-6.1478

110.0100, 1.4741,
-6.1478

85.3090, 1.3267,
-5.5330

62.3090, 1.3267,

-5.5330

■ 40.6080, 1.1793,
-4.9182

■ 20.3090, 1.3267,
-5.5330

■ 244.7110, 1.6215,
-6.7625

■ 244.7110, 1.6215,
-6.7625

■ 237.2360, 5.3067,
-22.1320

■ 250.0930, -1.0318,
4.3034

■ 229.7610, 8.9918,
-37.5014

■ 222.5850, 12.5296,
-52.2560

■ 215.1100, 16.2148,
-67.6255

■ 207.6350, 19.8999,
-82.9949

■ 200.1600, 23.5851,
-98.3643

■ 192.6850, 27.2703,
-113.7337

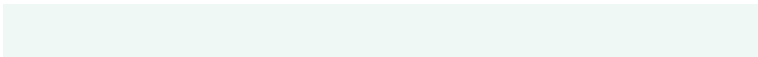
■ 185.5090, 30.8081,
-128.4884

■ 178.0340, 34.4932,
-143.8578

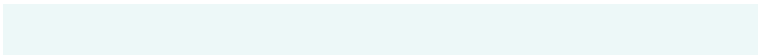
Harmonies

Analogous

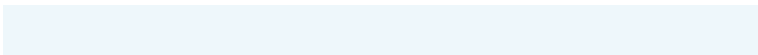
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



244.8530, -0.4205, -5.1331



244.7110, 1.6215, -6.7625



244.7650, 3.0739, -5.9329

Triad

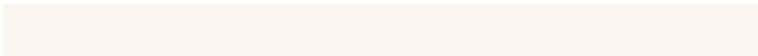
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



244.7110, 1.6215, -6.7625



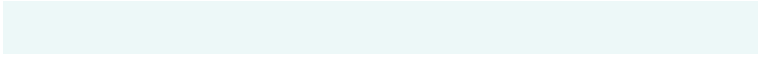
246.2930, 2.3206, 2.3740



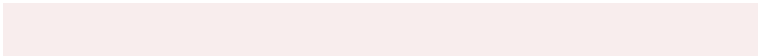
245.8110, -3.3578, 3.6738

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



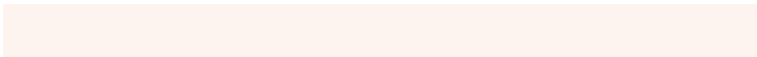
244.7110, 1.6215, -6.7625



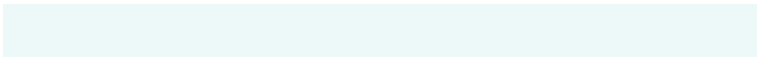
240.2890, -1.6215, 6.7625

Split Complementary

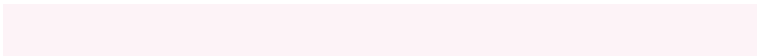
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



246.2350, -3.0739, 5.9329



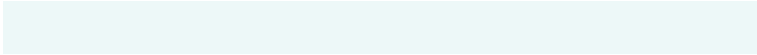
244.7110, 1.6215, -6.7625



246.4460, 0.2731, 5.7479

Square

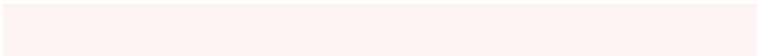
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



244.7110, 1.6215, -6.7625



245.9120, 3.4944, -0.7998



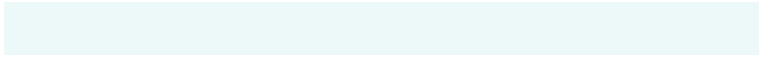
246.2890, -1.6215, 6.7625



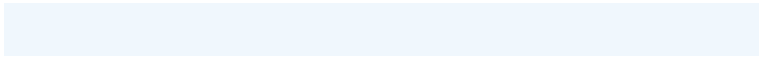
245.2020, -3.0576, 0.6998

Rectangle

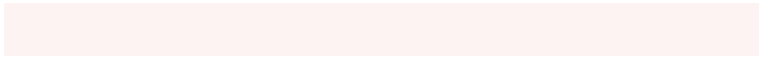
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



244.7110, 1.6215, -6.7625



245.5910, 3.6526, -4.9033



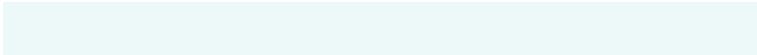
246.2890, -1.6215, 6.7625



246.4090, -3.6526, 4.9033

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



244.7110, 1.6215, -6.7625



254.1030, 0.4422, -1.8443



243.4570, -3.1833, -5.6628



127.4020, 0.2948, -1.2296



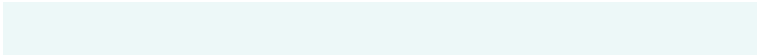
0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



244.7110, 1.6215, -6.7625



251.1130, 1.9163, -7.9921



241.7760, 3.0684, -4.1886



122.6080, 1.1793, -4.9182



132.4890, 27.8599, -116.1929



42.7610, 8.9918, -37.5014

Inverse Universe

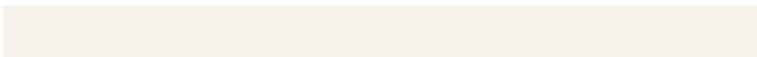
The Inverse Universe completely reimagines the original color for something new.



241.5430, 3.1833, 5.6628



247.3690, 3.7621, 6.6924



243.8110, -3.3578, 3.6738



120.3040, 2.3151, 4.1184



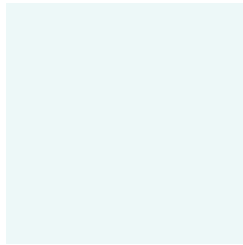
78.0570, 54.6949, 97.2970



25.1930, 17.6529, 31.4027

Previews

White Background



This preview shows how the YUV color 244.7110, 1.6215, -6.7625 looks on a white background.

Color Contrast Check

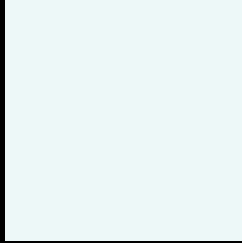
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 244.7110, 1.6215, -6.7625 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

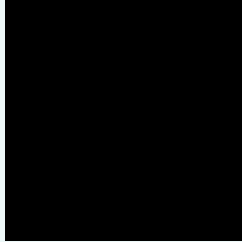
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

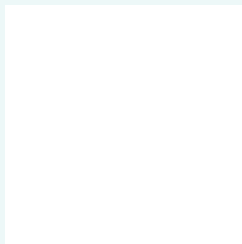
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 244.7110, 1.6215, -6.7625

Background



This preview shows how black text looks on a background with the YUV color 244.7110, 1.6215, -6.7625.



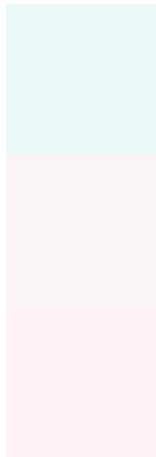
This preview shows how white text looks on a background with the YUV color 244.7110, 1.6215, -6.7625.

-6.7625.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

244.7110, 1.6215, -6.7625

Protanopia

246.0220, -0.0108, 3.4887

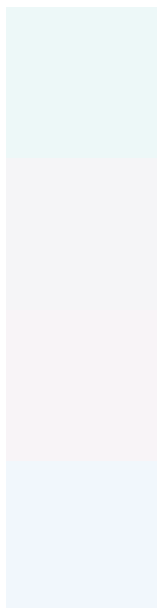
Deuteranopia

246.4570, 0.2677, 7.4922

Tritanopia

246.1290, 4.3734, -2.7441

Trichromacy



Original Color

244.7110, 1.6215, -6.7625

Protanomaly

245.2280, 0.8736, -0.2000

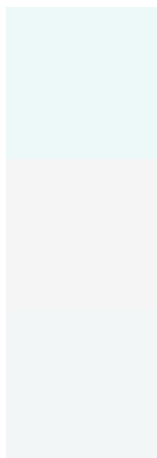
Deuteranomaly

245.5380, 0.7208, 2.1592

Tritanomaly

245.7760, 3.0684, -4.1886

Monochromacy



Original Color

244.7110, 1.6215, -6.7625

Achromatopsia

245.0000, 0.0000, 0.0000

Achromatomaly

244.8040, 0.5896, -2.4591

CSS Examples

Text

The CSS property to change the color of the text to YUV 244.7110, 1.6215, -6.7625 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(237, 248, 248)` looks like.

```
.text, #text, p{  
    color:rgb(237, 248, 248)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(237, 248, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 248, 248) }
```

Border

The CSS property to change the border of an element to YUV 244.7110, 1.6215, -6.7625 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(237, 248, 248) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(237, 248, 248) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(237, 248, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 248, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 248, 248);  
box-shadow:4px 4px 4px 4px rgb(237, 248,  
248) }
```

Background

The CSS property to change the background color of an element to YUV 244.7110, 1.6215, -6.7625 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 248, 248) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(237,  
248, 248) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor