

Converting Colors

YUV(244.3200, 1.3212, -3.7886)

Have a look what the booklet for
YUV(244.3200, 1.3212, -3.7886)
contains.

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Color

**YUV(244.3200, 1.3212,
-3.7886)**

Conversions

Conversions Part 1

Format	Color
Hex	F0F6F7
RGB	240, 246, 247
RGB Percent	94%, 96%, 97%
CMY	0.0588, 0.0353, 0.0314
CMYK	0.03, 0.00, 0.00, 0.03
HSL	189°, 30%, 95%
HSV	189°, 3%, 97%
XYZ	85.6794, 91.1522, 101.0740
YIQ	244.3200, -3.8970, -0.9610

Conversions

Conversions Part 2

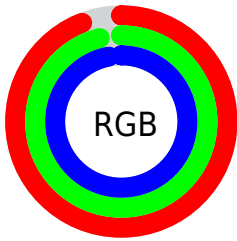
Format	Color
R _Y B	240, 243, 247
Decimal	15791863
CIE Lab	96.47, -1.79, -1.18
CIE LCh	96, 2.148, 213.370
Yxy	91.1522, 0.3083, 0.3280
Android (android.graphics.Color)	4293981943 (0xFF0F6F7)
YUV	244.3200, 1.3212, -3.7886
Hunter-Lab	95.4737, -6.8904, 4.0637

Details

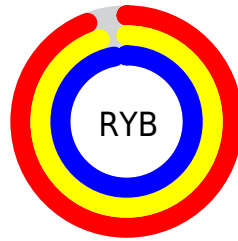
The YUV color `244.3200, 1.3212, -3.7886` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `242.6800, -1.3212, 3.7886`, and the grayscale version is `244.0000, 0.0000, 0.0000`.

A 20% lighter version of the original color is `255.0000, 0.0000, 0.0000`, and `188.3200, 1.3212, -3.7886` is the 20% darker color. If you saturate the color by 10%, you get `234.4970, 6.1640, -17.0989`, and if you desaturate by 10%, it is `251.1530, -2.0474, 3.3738`.

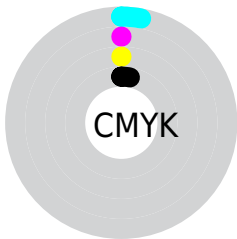
Distribution



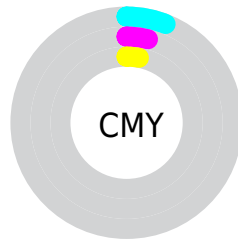
- Red (94%)
- Green (96%)
- Blue (97%)



- Red (94%)
- Yellow (95%)
- Blue (97%)



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



- Cyan (6%)
- Magenta (4%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the YUV color 244.3200, 1.3212, -3.7886 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 244.3200, 1.3212, -3.7886 by changing the saturation by 10% instead.

■ 244.3200, 1.3212,
-3.7886

■ 244.3200, 1.3212,
-3.7886

255.0000, 0.0000,
0.0000

■ 216.3200, 1.3212,
-3.7886

■ 188.3200, 1.3212,
-3.7886

■ 161.3200, 1.3212,
-3.7886

■ 134.6190, 1.1738,
-3.1739

■ 109.6190, 1.1738,
-3.1739

■ 85.6190, 1.1738,
-3.1739

■ 62.5050, 0.7370,

-3.0739

■ 40.5050, 0.7370,
-3.0739

■ 19.6190, 1.1738,
-3.1739

■ 244.3200, 1.3212,
-3.7886

■ 244.3200, 1.3212,
-3.7886

■ 234.4970, 6.1640,
-17.0989

■ 251.1530, -2.0474,
3.3738

■ 225.5600, 10.5699,
-30.3091

■ 252.9140, -2.9156,
1.8294

■ 215.7370, 15.4127,
-43.6193

■ 254.0880, -3.4944,
0.7998

■ 206.5010, 19.9660,
-57.4444

■ 196.6780, 24.8087,
-70.7546

■ 187.7410, 29.2147,
-83.9649

■ 177.9180, 34.0574,
-97.2751

■ 168.6820, 38.6108,
-111.1001

■ 159.1580, 43.3061,
-123.7956

Harmonies

Analogous

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



244.0920, 0.4476, -3.5887



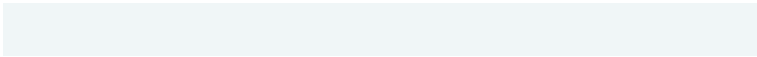
244.3200, 1.3212, -3.7886



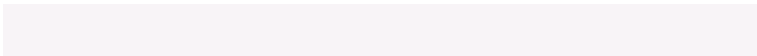
244.7330, 1.6106, -3.2738

Triad

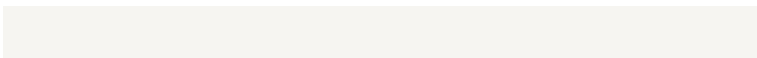
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



244.3200, 1.3212, -3.7886



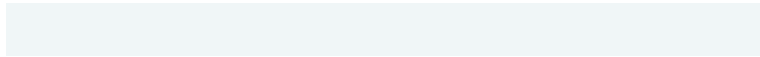
245.5380, 0.7208, 2.1592



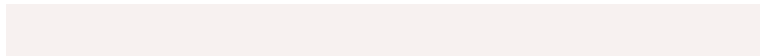
244.8430, -1.8946, 1.0147

Complementary

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



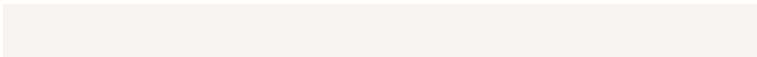
244.3200, 1.3212, -3.7886



242.6800, -1.3212, 3.7886

Split Complementary

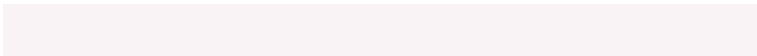
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



244.8540, -1.9000, 2.7590



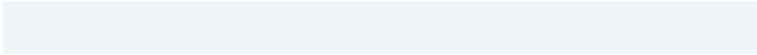
244.3200, 1.3212, -3.7886



245.0220, -0.0108, 3.4887

Square

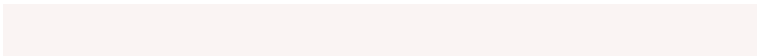
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



244.3200, 1.3212, -3.7886



245.0540, 1.4524, 0.8296



245.6800, -1.3212, 3.7886



244.2450, -1.5998, -0.2149

Rectangle

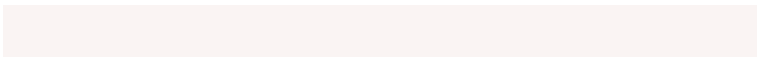
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



244.3200, 1.3212, -3.7886



244.5590, 2.1894, -2.2442



245.6800, -1.3212, 3.7886



245.1420, -2.0420, 1.6295

Sweetspot

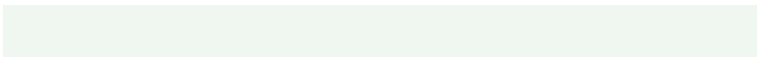
The Sweet Spot groups the original color and five complimentary colors.



244.3200, 1.3212, -3.7886



254.1030, 0.4422, -1.8443



244.2230, -1.5889, -3.7036



126.8150, 0.5842, -0.7148



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.



244.3200, 1.3212, -3.7886



252.0210, 1.4686, -4.4034



242.5590, 2.1894, -2.2442



120.8040, 0.5896, -2.4591



115.1240, 34.9419, -100.9637



36.0760, 11.3015, -31.6387

Inverse Universe

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



242.7770, 1.5889, 3.7036



250.1900, 1.8783, 4.2184



244.4410, -2.1894, 2.2442



119.6520, 1.1576, 2.0592



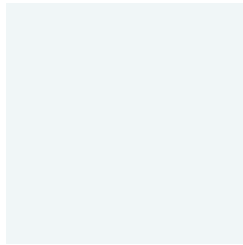
73.8540, 42.4700, 98.3520



23.3410, 13.1429, 31.2729

Previews

White Background



This preview shows how the YUV color 244.3200, 1.3212, -3.7886 looks on a white background.

Color Contrast Check

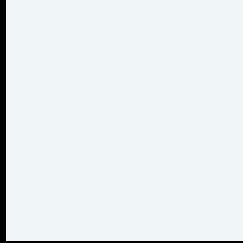
Large Text (above 18pt) WCAG AA × Fail

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 244.3200, 1.3212, -3.7886 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

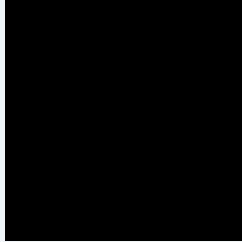
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

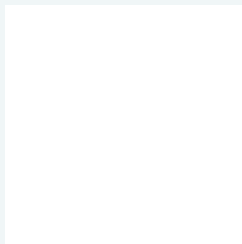
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 244.3200, 1.3212, -3.7886

Background



This preview shows how black text looks on a background with the YUV color 244.3200, 1.3212, -3.7886.



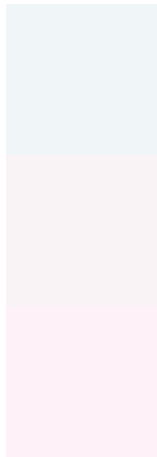
This preview shows how white text looks on a background with the YUV color 244.3200, 1.3212, -3.7886.

-3.7886.

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

244.3200, 1.3212, -3.7886

Protanopia

245.1360, 0.4260, 3.3887

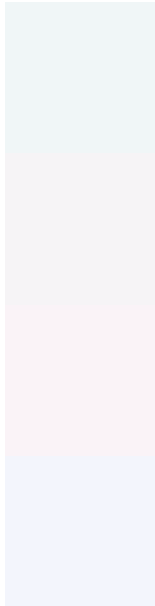
Deuteranopia

245.8700, 0.5571, 8.0070

Tritanopia

245.2540, 4.8048, -1.0998

Trichromacy



Original Color

244.3200, 1.3212, -3.7886

Protanomaly

244.8260, 0.5788, 1.0296

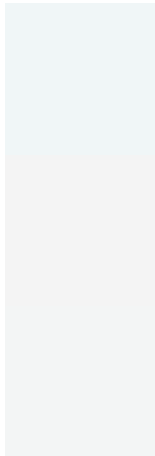
Deuteranomaly

245.5490, 0.7153, 3.9035

Tritanomaly

245.2000, 3.3524, -1.9294

Monochromacy



Original Color

244.3200, 1.3212, -3.7886

Achromatopsia

244.0000, 0.0000, 0.0000

Achromatomaly

244.4020, 0.2948, -1.2296

CSS Examples

Text

The CSS property to change the color of the text to YUV 244.3200, 1.3212, -3.7886 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(240, 246, 247)` looks like.

```
.text, #text, p{  
    color:rgb(240, 246, 247)  
}
```

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(240, 246, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 246, 247) }
```

Border

The CSS property to change the border of an element to YUV 244.3200, 1.3212, -3.7886 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(240, 246, 247) }
```


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

```
.border{ border-color:rgb(240, 246, 247) }
```

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

Here you see how a box with a 4 pixel rgb(240, 246, 247) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 246, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 246, 247);  
box-shadow:4px 4px 4px 4px rgb(240, 246,  
247) }
```

Background

The CSS property to change the background color of an element to YUV 244.3200, 1.3212, -3.7886 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 246, 247) }
```

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

```
.background{ background-color: rgb(240,  
246, 247) }
```

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](#).

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