

Converting Colors

YUV(245.5090, 4.6791, -7.4624)

Have a look what the booklet for
YUV(245.5090, 4.6791, -7.4624)
contains.

YUV(245.5090, 4.6791, -7.4624)	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(245.5090, 4.6791,
-7.4624)**

Conversions

Conversions Part 1

Format	Color
Hex	EDF8FF
RGB	237, 248, 255
RGB Percent	93%, 97%, 100%
CMY	0.0706, 0.0275, 0.0000
CMYK	0.07, 0.03, 0.00, 0.00
HSL	203°, 100%, 96%
HSV	203°, 7%, 100%
XYZ	86.5425, 92.3593, 107.8736
YIQ	245.5090, -8.8030, -0.1550

Conversions

Conversions Part 2

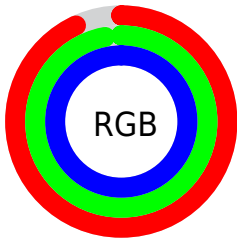
Format	Color
R _Y B	237, 244, 255
Decimal	15595775
CIE Lab	96.97, -2.31, -4.61
CIE LCh	97, 5.155, 243.403
Yxy	92.3593, 0.3018, 0.3221
Android (android.graphics.Color)	4293785855 (0xFFEDF8FF)
YUV	245.5090, 4.6791, -7.4624
Hunter-Lab	96.1038, -7.4404, 0.7214

Details

The YUV color `245.5090, 4.6791, -7.4624` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `246.4910, -4.6791, 7.4624`, 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 `189.3950, 4.2423, -7.3624` is the 20% darker color. If you saturate the color by 10%, you get `232.1640, 11.2581, -17.6838`, and if you desaturate by 10%, it is `255.0000, 0.0000, 0.0000`.

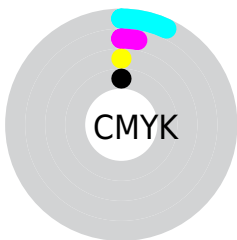
Distribution



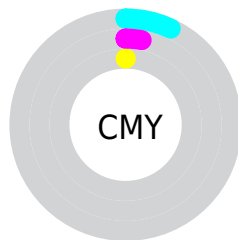
- Red (93%)
- Green (97%)
- Blue (100%)



- Red (93%)
- Yellow (96%)
- Blue (100%)



- Cyan (7%)
- Magenta (3%)
- Yellow (0%)
- Black (0%)



- Cyan (7%)
- Magenta (3%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 245.5090, 4.6791, -7.4624 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 245.5090, 4.6791, -7.4624 by changing the saturation by 10% instead.

245.5090, 4.6791,
-7.4624

245.5090, 4.6791,
-7.4624

255.0000, 0.0000,
0.0000

216.8080, 4.5317,
-6.8476

189.3950, 4.2423,
-7.3624

162.3950, 4.2423,
-7.3624

135.8080, 4.5317,
-6.8476

110.6940, 4.0949,
-6.7476

85.9930, 3.9475,
-6.1329

62.9930, 3.9475,

-6.1329

■ 40.8790, 3.5107,
-6.0329

■ 20.7650, 3.0739,
-5.9329

■ 245.5090, 4.6791,
-7.4624

■ 245.5090, 4.6791,
-7.4624

■ 232.1640, 11.2581,
-17.6838

255.0000, 0.0000,
0.0000

■ 218.5200, 17.9846,
-28.5200

■ 205.1750, 24.5637,
-38.7415

■ 191.5310, 31.2902,
-49.5777

■ 178.1860, 37.8693,
-59.7991

■ 164.5420, 44.5958,
-70.6353

■ 151.4850, 51.0329,
-81.9863

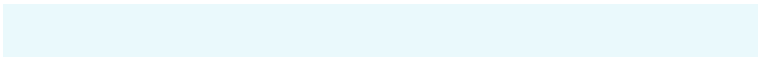
■ 138.1400, 57.6120,
-92.2078

■ 124.7950, 64.1911,
-102.4292

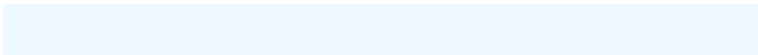
Harmonies

Analogous

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



244.8570, 3.5215, -9.5216



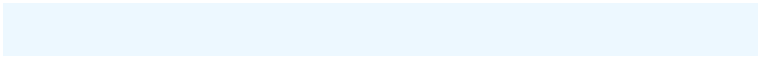
245.5090, 4.6791, -7.4624



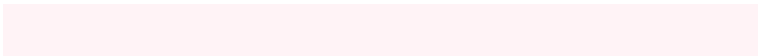
245.8300, 4.5208, -3.3589

Triad

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



245.5090, 4.6791, -7.4624



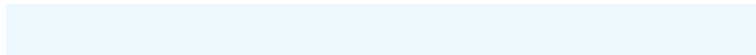
246.9300, -0.4585, 7.0774



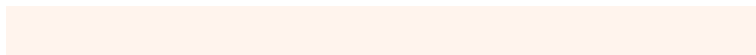
245.6640, -3.7784, -1.4593

Complementary

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



245.5090, 4.6791, -7.4624



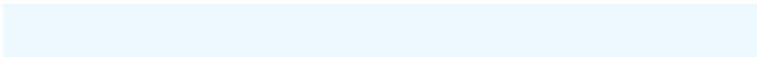
246.4910, -4.6791, 7.4624

Split Complementary

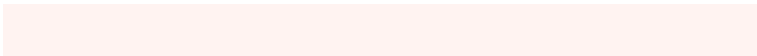
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



246.0560, -4.9576, 3.4589



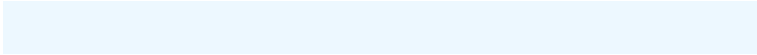
245.5090, 4.6791, -7.4624



246.3600, -2.6425, 7.5773

Square

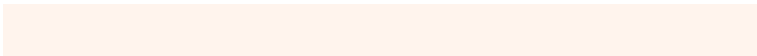
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



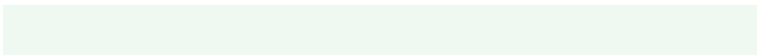
245.5090, 4.6791, -7.4624



247.7880, 1.5835, 5.4479



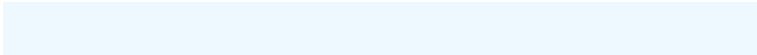
246.4910, -4.6791, 7.4624



245.2120, -1.5835, -5.4479

Rectangle

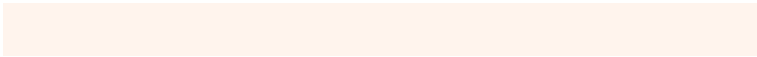
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



245.5090, 4.6791, -7.4624



246.4390, 4.2206, -0.3850



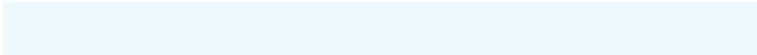
246.4910, -4.6791, 7.4624



245.5610, -4.2206, 0.3850

Sweetspot

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



245.5090, 4.6791, -7.4624



252.3310, 1.3158, -2.0443



248.3640, -2.1515, -9.9662



126.5160, 0.7316, -1.3295



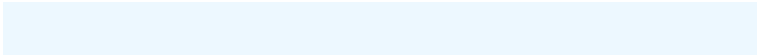
0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



245.5090, 4.6791, -7.4624



244.3240, 5.2633, -8.1771



240.2260, 7.2836, -2.8292



121.1780, 3.3632, -5.4181



90.4530, 49.5697, -79.3273



30.1890, 16.6688, -26.4758

Inverse Universe

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



243.6360, 2.1515, 9.9662



242.3480, 2.2934, 11.0958



251.7740, -7.2836, 2.8292



119.7990, 1.5781, 7.1923



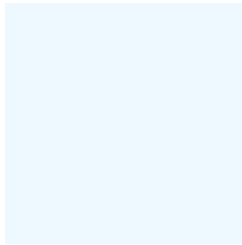
70.4470, 22.9506, 105.7250



23.5820, 7.6011, 35.4466

Previews

White Background



This preview shows how the YUV color 245.5090, 4.6791, -7.4624 looks on a white background.

Color Contrast Check

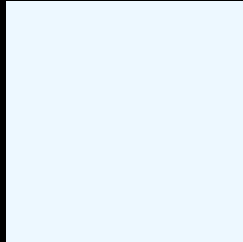
Large Text (above 18pt) WCAG AA × Fail

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 245.5090, 4.6791, -7.4624 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

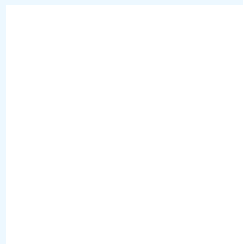
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 245.5090, 4.6791, -7.4624

Background



This preview shows how black text looks on a background with the YUV color 245.5090, 4.6791, -7.4624.



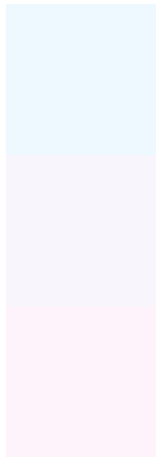
This preview shows how white text looks on a background with the YUV color 245.5090, 4.6791, -7.4624.

-7.4624.

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

245.5090, 4.6791, -7.4624

Protanopia

246.8090, 3.0522, 1.0445

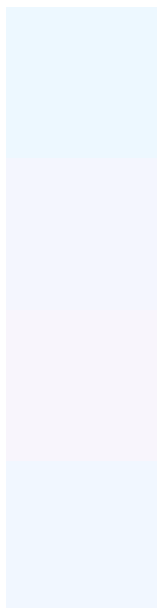
Deuteranopia

247.5000, 1.7255, 6.5775

Tritanopia

246.1290, 4.3734, -2.7441

Trichromacy



Original Color

245.5090, 4.6791, -7.4624

Protanomaly

246.3140, 3.7892, -2.0294

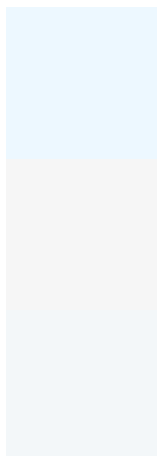
Deuteranomaly

246.6950, 2.6154, 1.1445

Tritanomaly

246.1180, 4.3788, -4.4885

Monochromacy



Original Color

245.5090, 4.6791, -7.4624

Achromatopsia

246.0000, 0.0000, 0.0000

Achromatomaly

246.0320, 1.4632, -2.6591

CSS Examples

Text

The CSS property to change the color of the text to YUV 245.5090, 4.6791, -7.4624 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, 255)` looks like.

```
.text, #text, p{  
    color:rgb(237, 248, 255)  
}
```

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, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 248, 255) }
```

Border

The CSS property to change the border of an element to YUV 245.5090, 4.6791, -7.4624 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, 255) }
```


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

```
.border{ border-color:rgb(237, 248, 255) }
```

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, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 248, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 248, 255);  
box-shadow:4px 4px 4px 4px rgb(237, 248,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 245.5090, 4.6791, -7.4624 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, 255) }
```

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

```
.background{ background-color: rgb(237,  
248, 255) }
```

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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