

Converting Colors

YUV(204.4800, 15.0464,
-66.1960)

Have a look what the booklet for
YUV(204.4800, 15.0464, -66.1960)
contains.

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Color

**YUV(204.4800, 15.0464,
-66.1960)**

Conversions

Conversions Part 1

Format	Color
Hex	81EDEB
RGB	129, 237, 235
RGB Percent	51%, 93%, 92%
CMY	0.4941, 0.0706, 0.0784
CMYK	0.46, 0.00, 0.01, 0.07
HSL	179°, 75%, 72%
HSV	179°, 46%, 93%
XYZ	54.3328, 71.2337, 89.4831
YIQ	204.4800, -63.7260, -23.5180

Conversions

Conversions Part 2

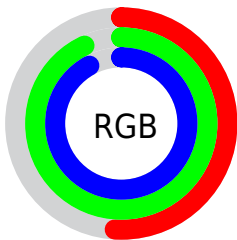
Format	Color
RYB	129, 184, 237
Decimal	8515051
CIELab	87.60, -31.58, -8.72
CIELCh	88, 32.762, 195.435
Yxy	71.2337, 0.2527, 0.3312
Android (android.graphics.Color)	4286705131 (0xFF81EDEB)
YUV	204.4800, 15.0464, -66.1960
Hunter-Lab	84.4000, -32.7900, -3.7808

Details

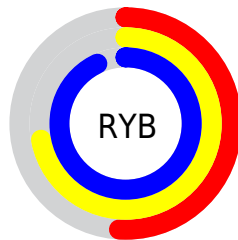
The YUV color **204.4800, 15.0464, -66.1960** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **161.5200, -15.0464, 66.1960**, and the grayscale version is **204.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **234.9670, 9.8763, -41.1901**, and **146.9850, 15.7834, -69.2698** is the 20% darker color. If you saturate the color by 10%, you get **197.3040, 18.5841, -80.9506**, and if you desaturate by 10%, it is **211.6560, 11.5086, -51.4413**.

Distribution



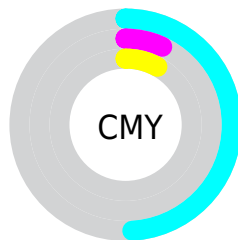
- Red (51%)
- Green (93%)
- Blue (92%)



- Red (51%)
- Yellow (72%)
- Blue (93%)



- Cyan (46%)
- Magenta (0%)
- Yellow (1%)
- Black (7%)



- Cyan (49%)
- Magenta (7%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the YUV color 204.4800, 15.0464, -66.1960 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 204.4800, 15.0464, -66.1960 by changing the saturation by 10% instead.

204.4800, 15.0464,
-66.1960

204.4800, 15.0464,
-66.1960

255.0000, 0.0000,
0.0000

175.8820, 15.3412,
-67.4255

234.9670, 9.8763,
-41.1901

146.9850, 15.7834,
-69.2698

243.6380, 5.6015,
-23.3615

116.5110, 17.9891,
-76.7471

252.9070, 1.0318,
-4.3034

89.0270, 18.7207,
-78.0767

71.5020, 15.0355,
-62.7073

54.0910, 11.7871,
-47.4378

37.9680, 8.3968,

-33.2979

■ 23.8340, 5.0118,
-20.9024

■ 1.2540, 4.8048,
-1.0998

■ 204.4800, 15.0464,
-66.1960

■ 204.4800, 15.0464,
-66.1960

■ 197.3040, 18.5841,
-80.9506

■ 211.6560, 11.5086,
-51.4413

■ 190.3130, 21.5377,
-94.9905

■ 218.6470, 8.5550,
-37.4014

■ 183.1370, 25.0755,
-109.7451

■ 225.8230, 5.0173,
-22.6468

■ 175.8470, 28.1764,
-124.3998

■ 233.1130, 1.9163,
-7.9921

■ 168.9700, 31.5668,
-138.5397

■ 239.9900, -1.4741,
6.1478

■ 165.6810, 33.1883,
-145.3022

■ 242.4960, -2.2165,
10.9660

■ 242.6100, -1.7797,
10.8660

Harmonies

Analogous

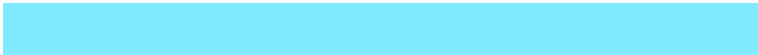
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



208.0190, -2.4744, -46.4977



204.4800, 15.0464, -66.1960



204.9990, 24.6505, -66.6511

Triad

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



204.4800, 15.0464, -66.1960



222.9480, 15.8016, 18.4626



218.9290, -29.0520, 31.6343

Complementary

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



204.4800, 15.0464, -66.1960



161.5200, -15.0464, 66.1960

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.



215.5840, -19.0219, 34.5678



204.4800, 15.0464, -66.1960



219.3750, 8.1961, 31.2431

Square

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



204.4800, 15.0464, -66.1960



217.1460, 18.6620, -12.4060



215.1400, -5.4920, 34.9572



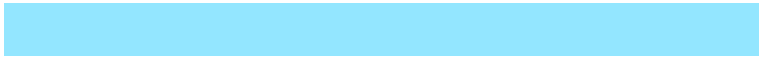
216.6010, -28.3973, 8.2429

Rectangle

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



204.4800, 15.0464, -66.1960



208.0330, 23.1547, -53.5259



215.1400, -5.4920, 34.9572



217.6240, -26.4366, 32.7788

Sweetspot

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



204.4800, 15.0464, -66.1960



244.1220, 4.8699, -22.0320



193.5920, -31.8439, -53.1392



121.3080, 2.8062, -13.4251



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.



204.4800, 15.0464, -66.1960



212.7980, 19.3266, -85.7688



175.3580, 30.3895, -40.6560



113.7110, 1.6215, -6.7625



126.5390, 25.3703, -110.9747



37.7400, 7.5232, -33.0980

Inverse Universe

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



161.5200, -15.0464, 66.1960



157.0880, -19.7634, 85.8688



190.6420, -30.3895, 40.6560



109.2890, -1.6215, 6.7625



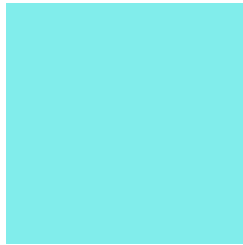
54.4610, -25.3703, 110.9747



16.2600, -7.5232, 33.0980

Previews

White Background



This preview shows how the YUV color 204.4800, 15.0464, -66.1960 looks on a white background.

Color Contrast Check

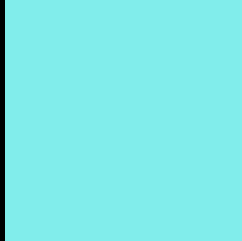
Large Text (above 18pt) WCAG AA × Fail

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 204.4800, 15.0464, -66.1960 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 204.4800, 15.0464, -66.1960

Background



This preview shows how black text looks on a background with the YUV color 204.4800, 15.0464, -66.1960.



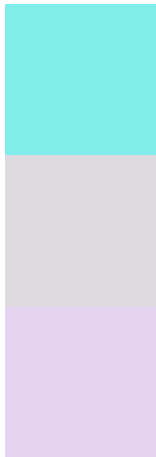
This preview shows how white text looks on a background with the YUV color 204.4800, 15.0464, -66.1960.

-66.1960.

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

204.4800, 15.0464, -66.1960

Protanopia

218.8800, 2.0312, 1.8592

Deuteranopia

220.2750, 9.7244, 7.6518



Tritanopia

206.5650, 22.8925, -62.7625

Trichromacy



Original Color

204.4800, 15.0464, -66.1960



Protanomaly

213.5780, 6.6170, -22.4319



Deuteranomaly

214.5660, 11.5530, -18.9134



Tritanomaly

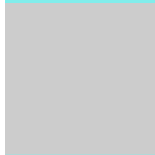
205.7560, 19.8403, -63.8070

Monochromacy



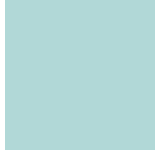
Original Color

204.4800, 15.0464, -66.1960



Achromatopsia

204.0000, 0.0000, 0.0000



Achromatomaly

204.2250, 5.3121, -23.8763

CSS Examples

Text

The CSS property to change the color of the text to YUV 204.4800, 15.0464, -66.1960 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(129, 237, 235)` looks like.

```
.text, #text, p{  
    color:rgb(129, 237, 235)  
}
```

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(129, 237, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 237, 235) }
```

Border

The CSS property to change the border of an element to YUV 204.4800, 15.0464, -66.1960 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(129, 237, 235) }
```


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

```
.border{ border-color:rgb(129, 237, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 237, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 237, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 237, 235);  
box-shadow:4px 4px 4px 4px rgb(129, 237,  
235) }
```

Background

The CSS property to change the background color of an element to YUV 204.4800, 15.0464, -66.1960 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 237, 235) }
```

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

```
.background{ background-color: rgb(129,  
237, 235) }
```

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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