

Converting Colors

YUV(195.1350, 25.0764,
-63.2624)

Have a look what the booklet for
YUV(195.1350, 25.0764, -63.2624)
contains.

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Color

**YUV(195.1350, 25.0764,
-63.2624)**

Conversions

Conversions Part 1

Format	Color
Hex	7BDEF6
RGB	123, 222, 246
RGB Percent	48%, 87%, 96%
CMY	0.5176, 0.1294, 0.0353
CMYK	0.50, 0.10, 0.00, 0.04
HSL	192°, 87%, 72%
HSV	192°, 50%, 96%
XYZ	50.9242, 63.1073, 96.6857
YIQ	195.1350, -66.7080, -13.5240

Conversions

Conversions Part 2

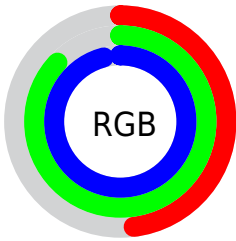
Format	Color
RYB	123, 178, 246
Decimal	8118006
CIELab	83.50, -22.78, -20.68
CIELCh	83, 30.766, 222.246
Yxy	63.1073, 0.2417, 0.2995
Android (android.graphics.Color)	4286308086 (0xFF7BDEF6)
YUV	195.1350, 25.0764, -63.2624
Hunter-Lab	79.4401, -24.5948, -16.5531

Details

The YUV color **195.1350, 25.0764, -63.2624** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **173.8650, -25.0764, 63.2624**, and the grayscale version is **195.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **233.1730, 10.7607, -44.8787**, and **137.6290, 25.8189, -68.0806** is the 20% darker color. If you saturate the color by 10%, you get **184.7250, 30.2086, -76.0578**, and if you desaturate by 10%, it is **205.5450, 19.9443, -50.4670**.

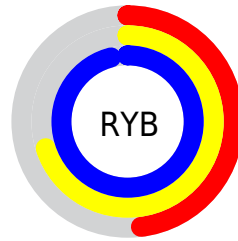
Distribution



Red (48%)

Green (87%)

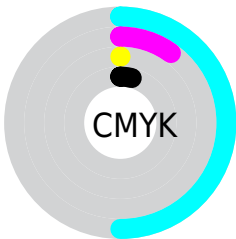
Blue (96%)



Red (48%)

Yellow (70%)

Blue (96%)

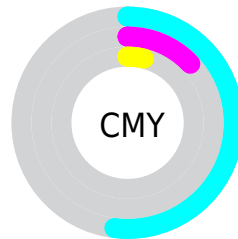


Cyan (50%)

Magenta (10%)

Yellow (0%)

Black (4%)



Cyan (52%)

Magenta (13%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the YUV color 195.1350, 25.0764, -63.2624 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 195.1350, 25.0764, -63.2624 by changing the saturation by 10% instead.

195.1350, 25.0764,
-63.2624

195.1350, 25.0764,
-63.2624

255.0000, 0.0000,
0.0000

166.4230, 24.9345,
-64.3920

233.1730, 10.7607,
-44.8787

137.6290, 25.8189,
-68.0806

242.1430, 6.3385,
-26.4354

104.3500, 28.9145,
-80.9909

251.1130, 1.9163,
-7.9921

82.4220, 26.4140,
-72.2841

65.4840, 22.4394,
-57.4295

48.5460, 18.4648,
-42.5748

32.4230, 15.0745,

-28.4350

■ 17.5880, 11.5421,
-15.4247

■ 2.8670, 8.4466,
-2.5144

■ 195.1350, 25.0764,
-63.2624

■ 195.1350, 25.0764,
-63.2624

■ 184.7250, 30.2086,
-76.0578

■ 205.5450, 19.9443,
-50.4670

■ 174.6140, 35.1933,
-88.2385

■ 215.6560, 14.9596,
-38.2863

■ 164.7910, 40.0360,
-101.5487

■ 225.4790, 10.1169,
-24.9761

■ 154.6800, 45.0208,
-113.7294

■ 235.5900, 5.1321,
-12.7954

■ 144.2700, 50.1529,
-126.5248

■ 246.0000, 0.0000,
0.0000

■ 251.6260, -2.7736,
2.9590

■ 253.9740, -3.9312,
0.8998

Harmonies

Analogous

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



194.1280, 12.2619, -59.7483



195.1350, 25.0764, -63.2624



200.4130, 26.9114, -45.0892

Triad

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



195.1350, 25.0764, -63.2624



212.9520, 6.4327, 36.8761



205.3670, -26.8029, 10.2021

Complementary

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



195.1350, 25.0764, -63.2624



173.8650, -25.0764, 63.2624

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.



207.9120, -26.5786, 31.6492



195.1350, 25.0764, -63.2624



208.4720, -5.6557, 40.8051

Square

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



195.1350, 25.0764, -63.2624



212.1260, 19.1649, 13.0445



208.3290, -18.8962, 40.9305



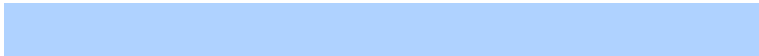
202.0910, -18.2859, -14.9888

Rectangle

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



195.1350, 25.0764, -63.2624



204.6650, 24.8152, -26.0162



208.3290, -18.8962, 40.9305



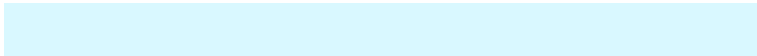
206.4820, -27.8456, 17.9943

Sweetspot

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



195.1350, 25.0764, -63.2624



239.5290, 7.6272, -19.7579



197.8230, -25.5487, -65.6198



118.1880, 4.8373, -11.5659



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.



195.1350, 25.0764, -63.2624



191.6430, 31.2350, -78.6169



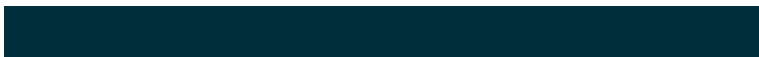
159.9150, 42.4399, -32.3745



117.2380, 2.3477, -6.3477



109.2540, 37.8358, -95.8158



34.3150, 12.1697, -30.0943

Inverse Universe

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



171.0630, 25.1119, 65.7197



161.7690, 31.1729, 81.7636



209.0850, -42.4399, 32.3745



114.7280, 2.5991, 6.3775



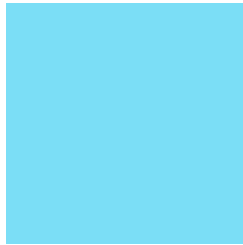
72.7140, 38.1020, 99.3518



22.9990, 11.8325, 31.5729

Previews

White Background



This preview shows how the YUV color 195.1350, 25.0764, -63.2624 looks on a white background.

Color Contrast Check

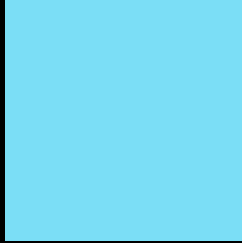
Large Text (above 18pt) WCAG AA × Fail

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 195.1350, 25.0764, -63.2624 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

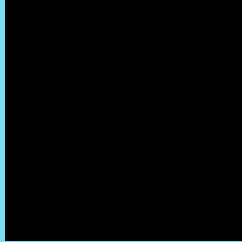
Any Text WCAG AA ✓ Pass

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 195.1350, 25.0764, -63.2624 Background



This preview shows how black text looks on a background with the YUV color 195.1350, 25.0764, -63.2624.



This preview shows how white text looks on a background with the YUV color 195.1350, 25.0764, -63.2624.

-63.2624.

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

195.1350, 25.0764, -63.2624

Protanopia

207.5230, 13.5462, -4.8437

Deuteranopia

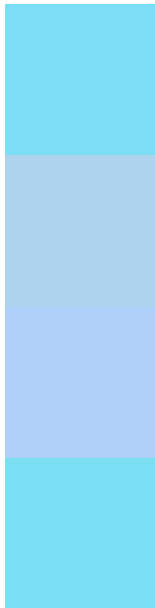
208.3690, 20.5241, -2.9546



Tritanopia

194.5540, 22.8979, -64.5069

Trichromacy



Original Color

195.1350, 25.0764, -63.2624

Protanomaly

202.8300, 17.8318, -26.1609

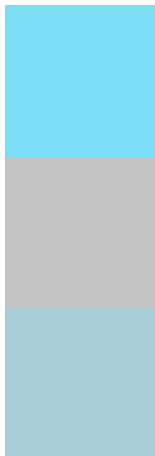
Deuteranomaly

203.3940, 22.4838, -24.9015

Tritanomaly

195.0810, 23.6241, -64.0920

Monochromacy



Original Color

195.1350, 25.0764, -63.2624

Achromatopsia

195.0000, 0.0000, 0.0000

Achromatomaly

195.2620, 9.2378, -23.0318

CSS Examples

Text

The CSS property to change the color of the text to YUV 195.1350, 25.0764, -63.2624 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(123, 222, 246)` looks like.

```
.text, #text, p{  
    color:rgb(123, 222, 246)  
}
```

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(123, 222, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 222, 246) }
```

Border

The CSS property to change the border of an element to YUV 195.1350, 25.0764, -63.2624 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(123, 222, 246) }
```


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

```
.border{ border-color:rgb(123, 222, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 222, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 222, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 222, 246);  
box-shadow:4px 4px 4px 4px rgb(123, 222,  
246) }
```

Background

The CSS property to change the background color of an element to YUV 195.1350, 25.0764, -63.2624 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 222, 246) }
```

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

```
.background{ background-color: rgb(123,  
222, 246) }
```

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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