

Converting Colors

YUV(191.8250, 25.2293,
-65.6215)

Have a look what the booklet for
YUV(191.8250, 25.2293, -65.6215)
contains.

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Color

**YUV(191.8250, 25.2293,
-65.6215)**

Conversions

Conversions Part 1

Format	Color
Hex	75DCF3
RGB	117, 220, 243
RGB Percent	46%, 86%, 95%
CMY	0.5412, 0.1373, 0.0471
CMYK	0.52, 0.09, 0.00, 0.05
HSL	191°, 84%, 71%
HSV	191°, 52%, 95%
XYZ	49.1070, 61.4394, 94.0648
YIQ	191.8250, -68.7710, -14.6830

Conversions

Conversions Part 2

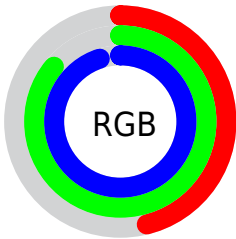
Format	Color
RYB	117, 174, 243
Decimal	7724275
CIELab	82.61, -23.85, -20.46
CIELCh	83, 31.423, 220.618
Yxy	61.4394, 0.2400, 0.3003
Android (android.graphics.Color)	4285914355 (0xFF75DCF3)
YUV	191.8250, 25.2293, -65.6215
Hunter-Lab	78.3833, -25.3408, -16.2834

Details

The YUV color **191.8250, 25.2293, -65.6215** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **168.1750, -25.2293, 65.6215**, and the grayscale version is **192.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **231.6780, 11.4977, -47.9526**, and **133.7210, 26.2665, -71.6693** is the 20% darker color. If you saturate the color by 10%, you get **182.3010, 29.9246, -78.3170**, and if you desaturate by 10%, it is **201.3490, 20.5339, -52.9261**.

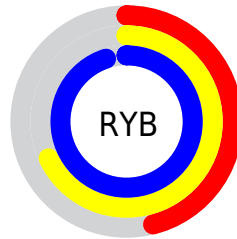
Distribution



Red (46%)

Green (86%)

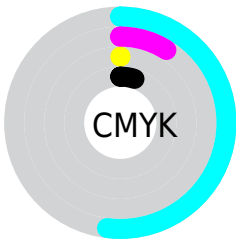
Blue (95%)



Red (46%)

Yellow (68%)

Blue (95%)

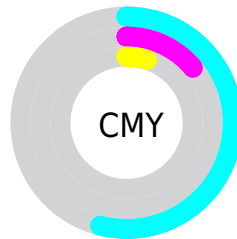


Cyan (52%)

Magenta (9%)

Yellow (0%)

Black (5%)



Cyan (54%)

Magenta (14%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the YUV color 191.8250, 25.2293, -65.6215 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 191.8250, 25.2293, -65.6215 by changing the saturation by 10% instead.

191.8250, 25.2293,
-65.6215

191.8250, 25.2293,
-65.6215

255.0000, 0.0000,
0.0000

162.9280, 25.6715,
-67.4659

231.6780, 11.4977,
-47.9526

133.7210, 26.2665,
-71.6693

240.3490, 7.2229,
-30.1241

99.2460, 29.9517,
-87.0387

249.6180, 2.6533,
-11.0660

81.6070, 25.8297,
-71.5693

63.9680, 21.7078,
-56.0999

47.1440, 18.1700,
-41.3453

31.6080, 14.4903,

-27.7202

■ 15.0120, 11.8261,
-13.1655

■ 2.5250, 7.1362,
-2.2144

■ 191.8250, 25.2293,
-65.6215

■ 191.8250, 25.2293,
-65.6215

■ 182.3010, 29.9246,
-78.3170

■ 201.3490, 20.5339,
-52.9261

■ 171.8910, 35.0567,
-91.1124

■ 211.7590, 15.4018,
-40.1306

■ 162.3670, 39.7521,
-103.8079

■ 221.2830, 10.7065,
-27.4352

■ 152.2560, 44.7368,
-115.9885

■ 231.3940, 5.7218,
-15.2545

■ 144.5150, 48.5531,
-126.7397

■ 240.9180, 1.0264,
-2.5591

■ 248.9360, -2.9264,
5.3181

■ 251.2840, -4.0840,
3.2589

■ 253.6320, -5.2416,
1.1997

Harmonies

Analogous

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



191.3020, 11.6831, -60.7779



191.8250, 25.2293, -65.6215



197.1460, 28.5220, -48.3630

Triad

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



191.8250, 25.2293, -65.6215



210.2940, 7.7431, 36.5762



202.8510, -27.5345, 11.5317

Complementary

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



191.8250, 25.2293, -65.6215



168.1750, -25.2293, 65.6215

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.



205.8090, -27.0208, 33.4935



191.8250, 25.2293, -65.6215



206.5970, -5.2243, 42.4494

Square

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



191.8250, 25.2293, -65.6215



209.1690, 20.6227, 12.1298



205.8670, -18.1754, 43.0896



199.1620, -19.3069, -14.1741

Rectangle

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



191.8250, 25.2293, -65.6215



201.6970, 26.2784, -28.6753



205.8670, -18.1754, 43.0896



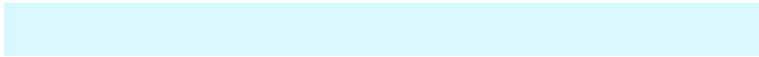
204.0800, -28.1404, 19.2238

Sweetspot

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



191.8250, 25.2293, -65.6215



238.6320, 8.0694, -21.6023



193.3560, -27.2905, -66.9642



117.5900, 5.1321, -12.7954



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.



191.8250, 25.2293, -65.6215



190.7350, 31.6826, -82.2056



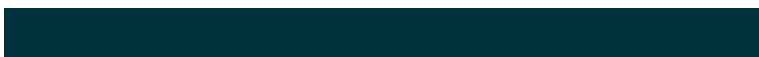
156.0180, 42.8821, -34.2188



117.2380, 2.3477, -6.3477



110.4280, 37.2570, -96.8454



34.9020, 11.8803, -30.6091

Inverse Universe

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



166.4160, 26.4169, 67.1642



158.9480, 33.0566, 84.2376



203.9820, -42.8821, 34.2188



114.7280, 2.5991, 6.3775



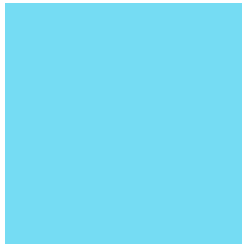
72.9420, 38.9756, 99.1519



23.1130, 12.2693, 31.4729

Previews

White Background



This preview shows how the YUV color 191.8250, 25.2293, -65.6215 looks on a white background.

Color Contrast Check

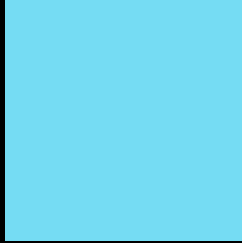
Large Text (above 18pt) WCAG AA × Fail

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 191.8250, 25.2293, -65.6215 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

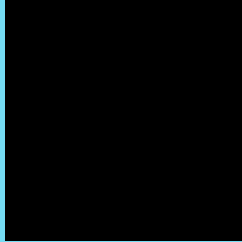
Any Text WCAG AA ✓ Pass

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 191.8250, 25.2293, -65.6215 Background



This preview shows how black text looks on a background with the YUV color 191.8250, 25.2293, -65.6215.



This preview shows how white text looks on a background with the YUV color 191.8250, 25.2293, -65.6215.

-65.6215.

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

191.8250, 25.2293, -65.6215

Protanopia

205.4090, 13.1094, -4.7437

Deuteranopia

206.2550, 20.0873, -2.8546



Tritanopia

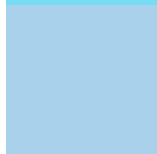
191.3580, 23.4875, -66.9660

Trichromacy



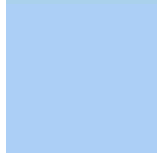
Original Color

191.8250, 25.2293, -65.6215



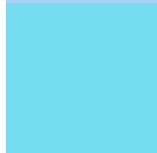
Protanomaly

200.4170, 17.5424, -26.6757



Deuteranomaly

200.9810, 22.1944, -25.4163



Tritanomaly

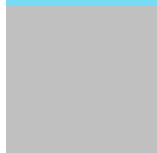
191.7710, 23.7769, -66.4512

Monochromacy



Original Color

191.8250, 25.2293, -65.6215



Achromatopsia

192.0000, 0.0000, 0.0000



Achromatomaly

191.9630, 9.3852, -23.6466

CSS Examples

Text

The CSS property to change the color of the text to YUV 191.8250, 25.2293, -65.6215 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(117, 220, 243)` looks like.

```
.text, #text, p{  
    color:rgb(117, 220, 243)  
}
```

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(117, 220, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 220, 243) }
```

Border

The CSS property to change the border of an element to YUV 191.8250, 25.2293, -65.6215 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(117, 220, 243) }
```


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

```
.border{ border-color:rgb(117, 220, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 220, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 220, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 220, 243);  
box-shadow:4px 4px 4px 4px rgb(117, 220,  
243) }
```

Background

The CSS property to change the background color of an element to YUV 191.8250, 25.2293, -65.6215 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 220, 243) }
```

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

```
.background{ background-color: rgb(117,  
220, 243) }
```

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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