

Converting Colors

YUV(187.4990, 6.1630,
-63.5816)

Have a look what the booklet for
YUV(187.4990, 6.1630, -63.5816)
contains.

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Color

**YUV(187.4990, 6.1630,
-63.5816)**

Conversions

Conversions Part 1

Format	Color
Hex	73DEC8
RGB	115, 222, 200
RGB Percent	45%, 87%, 78%
CMY	0.5490, 0.1294, 0.2157
CMYK	0.48, 0.00, 0.10, 0.13
HSL	168°, 62%, 66%
HSV	168°, 48%, 87%
XYZ	43.6168, 60.0575, 63.9370
YIQ	187.4990, -56.7100, -29.5260

Conversions

Conversions Part 2

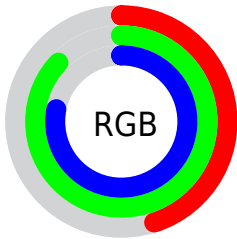
Format	Color
RYB	115, 175, 222
Decimal	7593672
CIELab	81.87, -36.19, 1.26
CIELCh	82, 36.209, 178.004
Yxy	60.0575, 0.2602, 0.3583
Android (android.graphics.Color)	4285783752 (0xFF73DEC8)
YUV	187.4990, 6.1630, -63.5816
Hunter-Lab	77.4968, -35.1558, 5.3319

Details

The YUV color **187.4990, 6.1630, -63.5816** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **149.5010, -6.1630, 63.5816**, and the grayscale version is **187.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **230.4820, 12.0874, -50.4117**, and **130.2320, 7.7736, -66.8555** is the 20% darker color. If you saturate the color by 10%, you get **180.3510, 7.2220, -76.6068**, and if you desaturate by 10%, it is **194.6470, 5.1040, -50.5564**.

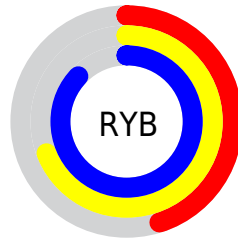
Distribution



Red (45%)

Green (87%)

Blue (78%)



Red (45%)

Yellow (69%)

Blue (87%)

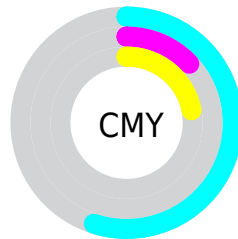


Cyan (48%)

Magenta (0%)

Yellow (10%)

Black (13%)



Cyan (55%)

Magenta (13%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YUV color 187.4990, 6.1630, -63.5816 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 187.4990, 6.1630, -63.5816 by changing the saturation by 10% instead.

187.4990, 6.1630,
-63.5816

187.4990, 6.1630,
-63.5816

255.0000, 0.0000,
0.0000

159.3140, 6.7472,
-64.2964

230.4820, 12.0874,
-50.4117

130.2320, 7.7736,
-66.8555

239.1530, 7.8126,
-32.5832

97.9530, 10.8692,
-79.7658

248.1230, 3.3904,
-14.1399

77.8620, 8.9420,
-68.2850

59.8640, 5.9830,
-52.5007

43.2680, 3.3189,
-37.9460

27.9600, 0.5127,

-24.5209

■ 7.9730, -2.4517,
-6.9923

■ 0.0000, 0.0000,
0.0000

■ 187.4990, 6.1630,
-63.5816

■ 187.4990, 6.1630,
-63.5816

■ 180.3510, 7.2220,
-76.6068

■ 194.6470, 5.1040,
-50.5564

■ 173.3170, 8.7177,
-89.7320

■ 201.6810, 3.6083,
-37.4312

■ 165.8700, 9.9241,
-103.3720

■ 209.1280, 2.4019,
-23.7913

■ 158.8360, 11.4199,
-116.4972

■ 216.1620, 0.9061,
-10.6661

■ 151.6880, 12.4788,
-129.5224

■ 223.3100, -0.1528,
2.3591

■ 150.3780, 12.6316,
-131.8815

■ 230.3440, -1.6486,
15.4843

■ 233.0070, -0.4965,
19.2879

■ 233.5770, 1.6875,
18.7880

■ 234.0330, 3.4347,
18.3881

Harmonies

Analogous

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



193.0500, -12.8427, -34.2469



187.4990, 6.1630, -63.5816



183.3130, 24.9887, -81.8355

Triad

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



187.4990, 6.1630, -63.5816



205.4170, 24.4444, -0.3657



203.9460, -28.0744, 44.7744

Complementary

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



187.4990, 6.1630, -63.5816



149.5010, -6.1630, 63.5816

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.



201.6270, -14.1131, 46.8081



187.4990, 6.1630, -63.5816



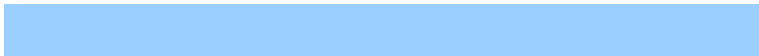
208.6230, 15.4689, 31.9026

Square

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



187.4990, 6.1630, -63.5816



196.9240, 28.6315, -36.7673



204.3290, 1.3168, 44.4385



201.9620, -32.5193, 23.7123

Rectangle

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



187.4990, 6.1630, -63.5816



186.0990, 32.9822, -79.0168



204.3290, 1.3168, 44.4385



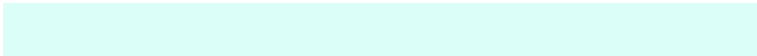
203.0970, -23.7118, 45.5189

Sweetspot

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



187.4990, 6.1630, -63.5816



243.4380, 2.2491, -21.4321



184.6860, -34.3552, -40.9436



120.8520, 1.0590, -13.0252



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.



187.4990, 6.1630, -63.5816



207.3280, 8.7123, -87.9877



172.3970, 24.4543, -50.3372



108.4830, 0.7479, -6.5626



119.2720, 10.2189, -104.6015



32.5080, 2.7076, -28.5095

Inverse Universe

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



149.5010, -6.1630, 63.5816



154.7860, -8.2755, 87.8877



164.6030, -24.4543, 50.3372



104.5170, -0.7479, 6.5626



56.7280, -10.2189, 104.6015



15.4920, -2.7076, 28.5095

Previews

White Background



This preview shows how the YUV color 187.4990, 6.1630, -63.5816 looks on a white background.

Color Contrast Check

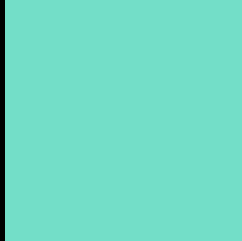
Large Text (above 18pt) WCAG AA × Fail

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 187.4990, 6.1630, -63.5816 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

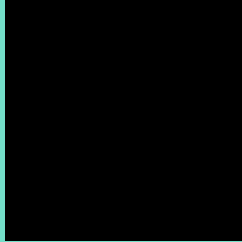
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

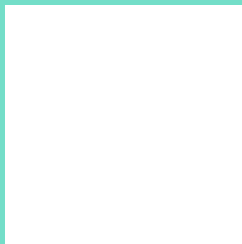
Any Text WCAG AAA ✓ Pass

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

YUV 187.4990, 6.1630, -63.5816 Background



This preview shows how black text looks on a background with the YUV color 187.4990, 6.1630, -63.5816.



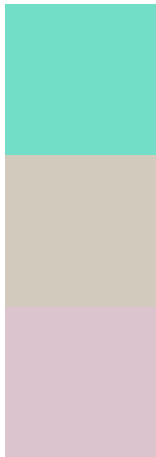
This preview shows how white text looks on a background with the YUV color 187.4990, 6.1630,

-63.5816.

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

187.4990, 6.1630, -63.5816

Protanopia

202.6110, -6.7102, 5.6032

Deuteranopia

204.3160, 0.8302, 13.7549



Tritanopia

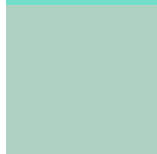
191.4300, 20.9870, -58.2591

Trichromacy



Original Color

187.4990, 6.1630, -63.5816



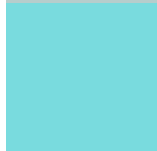
Protanomaly

197.0100, -1.9769, -19.3028



Deuteranomaly

198.0090, 2.9536, -14.0399



Tritanomaly

190.0400, 15.7563, -60.5481

Monochromacy



Original Color

187.4990, 6.1630, -63.5816



Achromatopsia

187.0000, 0.0000, 0.0000



Achromatomaly

187.4270, 2.2545, -23.1765

CSS Examples

Text

The CSS property to change the color of the text to YUV 187.4990, 6.1630, -63.5816 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(115, 222, 200)` looks like.

```
.text, #text, p{  
    color:rgb(115, 222, 200)  
}
```

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(115, 222, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 222, 200) }
```

Border

The CSS property to change the border of an element to YUV 187.4990, 6.1630, -63.5816 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(115, 222, 200) }
```


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

```
.border{ border-color:rgb(115, 222, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 222, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 222, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 222, 200);  
box-shadow:4px 4px 4px 4px rgb(115, 222,  
200) }
```

Background

The CSS property to change the background color of an element to YUV 187.4990, 6.1630, -63.5816 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 222, 200) }
```

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

```
.background{ background-color: rgb(115,  
222, 200) }
```

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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