

Converting Colors

YUV(188.1600, 17.1761,
-49.2523)

Have a look what the booklet for
YUV(188.1600, 17.1761, -49.2523)
contains.

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Color

**YUV(188.1600, 17.1761,
-49.2523)**

Conversions

Conversions Part 1

Format	Color
Hex	84D2DF
RGB	132, 210, 223
RGB Percent	52%, 82%, 87%
CMY	0.4824, 0.1765, 0.1255
CMYK	0.41, 0.06, 0.00, 0.13
HSL	189°, 59%, 70%
HSV	189°, 41%, 87%
XYZ	45.8816, 56.3264, 78.2659
YIQ	188.1600, -50.6610, -12.4930

Conversions

Conversions Part 2

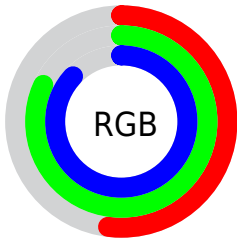
Format	Color
R _{YB}	132, 174, 223
Decimal	8704735
CIE Lab	79.80, -20.70, -13.99
CIE LCh	80, 24.983, 214.043
Yxy	56.3264, 0.2542, 0.3121
Android (android.graphics.Color)	4286894815 (0xFF84D2DF)
YUV	188.1600, 17.1761, -49.2523
Hunter-Lab	75.0509, -22.2151, -9.2942

Details

The YUV color **188.1600, 17.1761, -49.2523** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **166.8400, -17.1761, 49.2523**, and the grayscale version is **188.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **235.2660, 9.7289, -40.5753**, and **132.8610, 17.3235, -49.8671** is the 20% darker color. If you saturate the color by 10%, you get **179.8210, 21.2872, -61.2330**, and if you desaturate by 10%, it is **196.4990, 13.0650, -37.2716**.

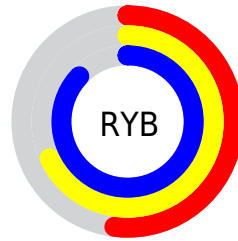
Distribution



Red (52%)

Green (82%)

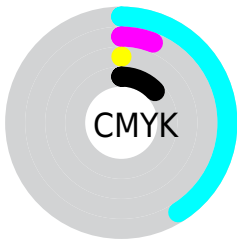
Blue (87%)



Red (52%)

Yellow (68%)

Blue (87%)

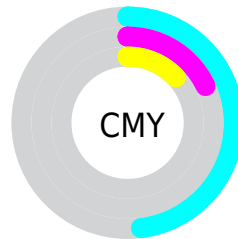


Cyan (41%)

Magenta (6%)

Yellow (0%)

Black (13%)



Cyan (48%)

Magenta (18%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the YUV color 188.1600, 17.1761, -49.2523 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 188.1600, 17.1761, -49.2523 by changing the saturation by 10% instead.

188.1600, 17.1761,
-49.2523

188.1600, 17.1761,
-49.2523

255.0000, 0.0000,
0.0000

160.1600, 17.1761,
-49.2523

235.2660, 9.7289,
-40.5753

132.8610, 17.3235,
-49.8671

243.9370, 5.4541,
-22.7467

105.5510, 17.4764,
-52.2262

252.6080, 1.1793,
-4.9182

74.2720, 20.5719,
-65.1365

57.3340, 16.5973,
-50.2819

40.6240, 13.4964,
-35.6272

25.7890, 9.9640,

-22.6170

■ 3.5510, 11.0674,
-3.1142

■ 0.0000, 0.0000,
0.0000

■ 188.1600, 17.1761,
-49.2523

■ 188.1600, 17.1761,
-49.2523

■ 179.8210, 21.2872,
-61.2330

■ 196.4990, 13.0650,
-37.2716

■ 171.1830, 25.5458,
-73.8285

■ 205.1370, 8.8065,
-24.6761

■ 162.2570, 29.9463,
-85.2944

■ 214.0630, 4.4059,
-13.2103

■ 153.9180, 34.0574,
-97.2751

■ 222.4020, 0.2948,
-1.2296

■ 145.5790, 38.1686,
-109.2558

■ 230.7410, -3.8163,
10.7511

■ 137.5390, 42.1323,
-120.6217

■ 236.0900, -6.4534,
16.5841

■ 237.8510, -7.3215,
15.0397

■ 239.6120, -8.1897,
13.4953

■ 241.9600, -9.3473,
11.4361

Harmonies

Analogous

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



188.2180, 5.8085, -43.1642



188.1600, 17.1761, -49.2523



191.8220, 23.2588, -40.1859

Triad

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



188.1600, 17.1761, -49.2523



202.0430, 8.3598, 25.3953



196.2410, -22.3038, 13.8206

Complementary

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



188.1600, 17.1761, -49.2523



166.8400, -17.1761, 49.2523

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.



199.0950, -20.7528, 29.7347



188.1600, 17.1761, -49.2523



201.4330, -3.1715, 37.3313

Square

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



188.1600, 17.1761, -49.2523



200.6150, 17.4448, 4.7226



200.0990, -13.3598, 38.5012



193.7870, -17.1500, -5.9522

Rectangle

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



188.1600, 17.1761, -49.2523



194.8390, 24.2364, -27.0458



200.0990, -13.3598, 38.5012



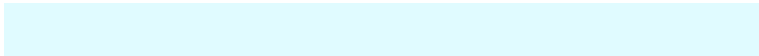
197.5730, -22.4675, 19.6685

Sweetspot

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



188.1600, 17.1761, -49.2523



243.3830, 5.7272, -16.9989



186.7850, -21.0930, -48.0464



120.8570, 3.5215, -9.5216



0.0000, 0.0000, 0.0000



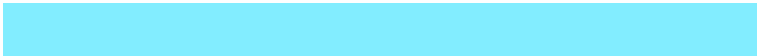
128.0000, 0.0000, 0.0000

Same Dimension

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



188.1600, 17.1761, -49.2523



207.0590, 23.6349, -67.5807



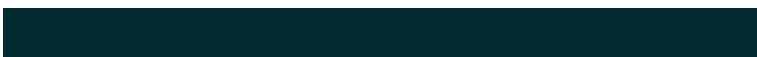
161.7450, 30.1987, -26.0864



108.1240, 1.9109, -6.2477



108.7010, 33.1784, -95.3308



30.1260, 8.8119, -26.4205

Inverse Universe

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



168.1010, 20.6562, 48.1464



179.5730, 28.3115, 66.1495



193.2550, -30.1987, 26.0864



105.4290, 2.7465, 5.7628



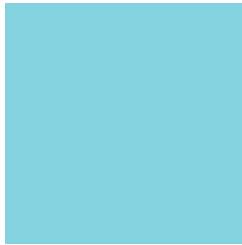
69.8380, 40.0129, 93.1041



19.1400, 11.2700, 25.3102

Previews

White Background



This preview shows how the YUV color 188.1600, 17.1761, -49.2523 looks on a white background.

Color Contrast Check

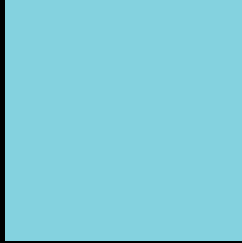
Large Text (above 18pt) WCAG AA × Fail

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 188.1600, 17.1761, -49.2523 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 188.1600, 17.1761, -49.2523 Background



This preview shows how black text looks on a background with the YUV color 188.1600, 17.1761, -49.2523.



This preview shows how white text looks on a background with the YUV color 188.1600, 17.1761, -49.2523.

-49.2523.

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

188.1600, 17.1761, -49.2523

Protanopia

197.7530, 8.0098, -2.4144

Deuteranopia

198.9800, 13.8139, 2.6485



Tritanopia

188.2140, 18.6285, -48.4227

Trichromacy



Original Color

188.1600, 17.1761, -49.2523

Protanomaly

194.1530, 11.2636, -19.4282

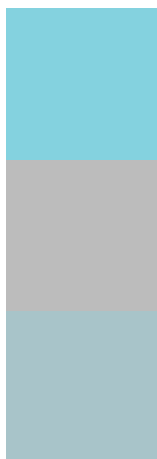
Deuteranomaly

195.5000, 15.0365, -16.2245

Tritanomaly

188.1000, 18.1917, -48.3227

Monochromacy



Original Color

188.1600, 17.1761, -49.2523

Achromatopsia

188.0000, 0.0000, 0.0000

Achromatomaly

188.1980, 6.3114, -17.7136

CSS Examples

Text

The CSS property to change the color of the text to YUV 188.1600, 17.1761, -49.2523 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(132, 210, 223)` looks like.

```
.text, #text, p{  
    color:rgb(132, 210, 223)  
}
```

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(132, 210, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 210, 223) }
```

Border

The CSS property to change the border of an element to YUV 188.1600, 17.1761, -49.2523 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(132, 210, 223) }
```


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

```
.border{ border-color:rgb(132, 210, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 210, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 210, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 210, 223);  
box-shadow:4px 4px 4px 4px rgb(132, 210,  
223) }
```

Background

The CSS property to change the background color of an element to YUV 188.1600, 17.1761, -49.2523 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 210, 223) }
```

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

```
.background{ background-color: rgb(132,  
210, 223) }
```

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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