

Converting Colors

YUV(183.4900, -53.4856,
28.5113)

Have a look what the booklet for
YUV(183.4900, -53.4856, 28.5113)
contains.

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Color

**YUV(183.4900, -53.4856,
28.5113)**

Conversions

Conversions Part 1

Format	Color
Hex	D8BC4B
RGB	216, 188, 75
RGB Percent	85%, 74%, 29%
CMY	0.1529, 0.2627, 0.7059
CMYK	0.00, 0.13, 0.65, 0.15
HSL	48°, 64%, 57%
HSV	48°, 65%, 85%
XYZ	47.5721, 51.0734, 14.0074
YIQ	183.4900, 52.9610, -29.2070

Conversions

Conversions Part 2

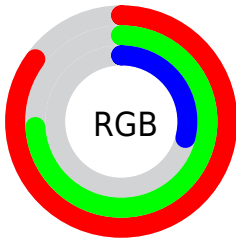
Format	Color
R _Y B	110, 216, 75
Decimal	14203979
CIE Lab	76.72, -2.68, 58.90
CIE LCh	77, 58.966, 92.609
Yxy	51.0734, 0.4223, 0.4534
Android (android.graphics.Color)	4292394059 (0xFFD8BC4B)
YUV	183.4900, -53.4856, 28.5113
Hunter-Lab	71.4656, -6.2438, 38.4050

Details

The YUV color **183.4900, -53.4856, 28.5113** is a light color, and the websafe version is hex **FFCC66**. The color can be described as light muted orange. A complement of this color would be **107.5100, 53.4856, -28.5113**, and the grayscale version is **184.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **234.1790, -51.8532, 18.2600**, and **128.1970, -55.8061, 26.1372** is the 20% darker color. If you saturate the color by 10%, you get **178.6340, -61.9376, 32.7700**, and if you desaturate by 10%, it is **188.3460, -45.0336, 24.2526**.

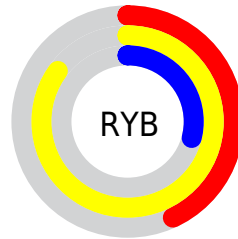
Distribution



Red (85%)

Green (74%)

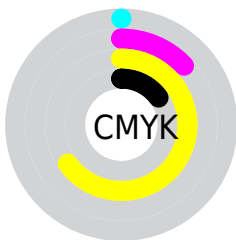
Blue (29%)



Red (43%)

Yellow (85%)

Blue (29%)

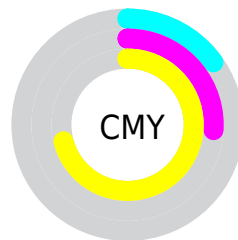


Cyan (0%)

Magenta (13%)

Yellow (65%)

Black (15%)



Cyan (15%)

Magenta (26%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YUV color 183.4900, -53.4856, 28.5113 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 183.4900, -53.4856, 28.5113 by changing the saturation by 10% instead.

■ 183.4900,
-53.4856, 28.5113

■ 183.4900,
-53.4856, 28.5113

■ 255.0000, 0.0000,
0.0000

■ 155.8920,
-53.1908, 27.2817

■ 234.1790,
-51.8532, 18.2600

■ 128.1970,
-55.8061, 26.1372

■ 243.7140,
-43.2430, 9.8978

■ 103.4400,
-50.9959, 23.2931

■ 246.9060,
-31.0127, 7.0984

■ 80.9800, -39.9231,
18.4345

■ 250.0980,
-18.7823, 4.2991

■ 59.4060, -29.2872,
13.6759

■ 253.4040, -6.1152,
1.3997

■ 38.7180, -19.0880,
9.0173

■ 19.5030, -9.6150,

3.9439

■ 0.0000, 0.0000,
0.0000

■ 183.4900,
-53.4856, 28.5113

■ 183.4900,
-53.4856, 28.5113

■ 178.6340,
-61.9376, 32.7700

■ 188.3460,
-45.0336, 24.2526

■ 173.3050,
-69.6634, 37.4435

■ 193.6750,
-37.3078, 19.5790

■ 168.4490,
-78.1154, 41.7022

■ 198.5310,
-28.8558, 15.3203

■ 166.1350,
-81.9046, 43.7316

■ 203.2730,
-20.8406, 11.1616

■ 208.1290,
-12.3886, 6.9029

■ 213.5720, -4.2260,
2.1294

■ 218.3140, 3.7892,
-2.0294

■ 223.1700, 12.2412,
-6.2881

■ 226.9030, 13.8518,
-9.5619

Harmonies

Analogous

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



185.3490, -46.0211, 61.0839



183.4900, -53.4856, 28.5113



177.6030, -41.7093, -15.4378

Triad

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



183.4900, -53.4856, 28.5113



154.3630, 45.6700, -135.3764



192.9430, 23.6921, 54.4240

Complementary

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



183.4900, -53.4856, 28.5113



107.5100, 53.4856, -28.5113

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.



190.1220, 31.9849, 7.7860



183.4900, -53.4856, 28.5113



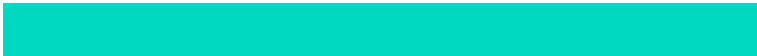
151.1660, 51.1902, -132.5726

Square

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



183.4900, -53.4856, 28.5113



149.3810, 21.5042, -131.0071



170.7550, 41.5328, -68.1911



180.9170, 2.9989, 64.9708

Rectangle

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



183.4900, -53.4856, 28.5113



171.0360, -25.1607, -50.0206



170.7550, 41.5328, -68.1911



195.0600, 29.5504, 42.0434

Sweetspot

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



183.4900, -53.4856, 28.5113



243.3160, -19.3828, 10.2469



120.3510, -8.5540, 83.8842



120.3570, -11.5150, 6.7029



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.



183.4900, -53.4856, 28.5113



209.4210, -75.6366, 39.9728



187.3680, -55.3974, -11.7237



104.5720, -4.2260, 2.1294



131.5480, -64.8532, 34.5994



33.4020, -16.4672, 8.4174

Inverse Universe

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



107.5100, 53.4856, -28.5113



102.1660, 75.3472, -40.4876



103.6320, 55.3974, 11.7237



99.0150, 3.9366, -2.6442



39.4520, 64.8532, -34.5994



10.1850, 16.1778, -8.9322

Previews

White Background



This preview shows how the YUV color 183.4900, -53.4856, 28.5113 looks on a white background.

Color Contrast Check

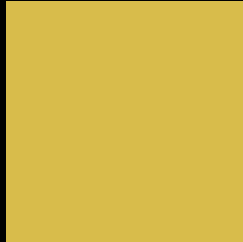
Large Text (above 18pt) WCAG AA × Fail

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 183.4900, -53.4856, 28.5113 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 183.4900, -53.4856, 28.5113

Background



This preview shows how black text looks on a background with the YUV color 183.4900, -53.4856, 28.5113.



This preview shows how white text looks on a background with the YUV color 183.4900, -53.4856, 28.5113.

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

183.4900, -53.4856, 28.5113

Protanopia

183.2830, -52.8905, 24.3078

Deuteranopia

184.7030, -53.0976, 44.1105



Tritanopia

192.2470, -1.1078, 28.7244

Trichromacy



Original Color

183.4900, -53.4856, 28.5113

Protanomaly

183.2940, -52.8959, 26.0522

Deuteranomaly

184.2570, -53.3707, 38.3626

Tritanomaly

188.9100, -20.1686, 29.0199

Monochromacy



Original Color

183.4900, -53.4856, 28.5113

Achromatopsia

183.0000, 0.0000, 0.0000

Achromatomaly

183.3160, -19.3828, 10.2469

CSS Examples

Text

The CSS property to change the color of the text to YUV 183.4900, -53.4856, 28.5113 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(216, 188, 75)` looks like.

```
.text, #text, p{  
    color:rgb(216, 188, 75)  
}
```

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(216, 188, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 188, 75) }
```

Border

The CSS property to change the border of an element to YUV 183.4900, -53.4856, 28.5113 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(216, 188, 75) }
```


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

```
.border{ border-color:rgb(216, 188, 75) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 188, 75)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 188, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 188, 75);  
box-shadow:4px 4px 4px 4px rgb(216, 188,  
75) }
```

Background

The CSS property to change the background color of an element to YUV 183.4900, -53.4856, 28.5113 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 188, 75) }
```

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

```
.background{ background-color: rgb(216,  
188, 75) }
```

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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