

Converting Colors

YUV(181.7880, -25.0385,
51.0519)

Have a look what the booklet for
YUV(181.7880, -25.0385, 51.0519)
contains.

YUV(181.7880, -25.0385, 51.0519)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(181.7880, -25.0385,
51.0519)**

Conversions

Conversions Part 1

Format	Color
Hex	F0A283
RGB	240, 162, 131
RGB Percent	94%, 64%, 51%
CMY	0.0588, 0.3647, 0.4863
CMYK	0.00, 0.33, 0.45, 0.06
HSL	17°, 78%, 73%
HSV	17°, 45%, 94%
XYZ	52.9522, 46.0046, 27.5616
YIQ	181.7880, 56.4390, 6.8950

Conversions

Conversions Part 2

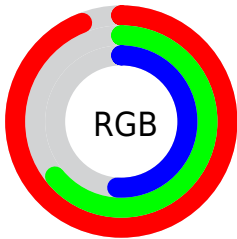
Format	Color
R _Y B	240, 174, 131
Decimal	15770243
CIE Lab	73.55, 25.43, 27.88
CIE LCh	74, 37.738, 47.624
Yxy	46.0046, 0.4185, 0.3636
Android (android.graphics.Color)	4293960323 (0xFFFF0A283)
YUV	181.7880, -25.0385, 51.0519
Hunter-Lab	67.8267, 20.6580, 23.3860

Details

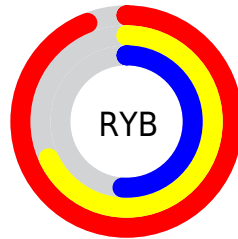
The YUV color **181.7880, -25.0385, 51.0519** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **189.2120, 25.0385, -51.0519**, and the grayscale version is **182.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **224.6000, -20.0158, 26.6608**, and **127.9230, -23.1330, 46.5485** is the 20% darker color. If you saturate the color by 10%, you get **169.0730, -30.6020, 62.2030**, and if you desaturate by 10%, it is **194.5030, -19.4750, 39.9009**.

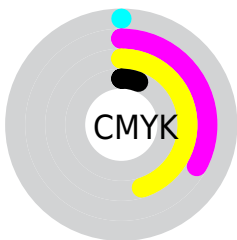
Distribution



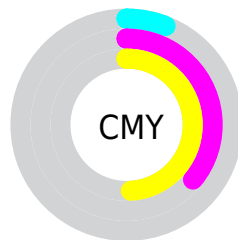
- Red (94%)
- Green (64%)
- Blue (51%)



- Red (94%)
- Yellow (68%)
- Blue (51%)



- Cyan (0%)
- Magenta (33%)
- Yellow (45%)
- Black (6%)



- Cyan (6%)
- Magenta (36%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the YUV color 181.7880, -25.0385, 51.0519 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 181.7880, -25.0385, 51.0519 by changing the saturation by 10% instead.

181.7880,
-25.0385, 51.0519

181.7880,
-25.0385, 51.0519

255.0000, 0.0000,
0.0000

154.1190,
-23.7227, 49.0076

224.6000,
-20.0158, 26.6608

127.9230,
-23.1330, 46.5485

244.8150,
-16.1778, 8.9322

102.2540,
-21.8172, 44.5042

253.2900, -6.5520,
1.4997

77.2860, -20.3540,
41.8452

52.9050, -19.1802,
38.6713

30.0340, -14.8068,
35.9272

13.4550, -6.6333,

27.6650

0.0000, 0.0000,
0.0000

181.7880,
-25.0385, 51.0519

181.7880,
-25.0385, 51.0519

169.0730,
-30.6020, 62.2030

194.5030,
-19.4750, 39.9009

156.3580,
-36.1655, 73.3540

207.2180,
-13.9115, 28.7498

143.0560,
-41.4396, 85.0199

220.5200, -8.6374,
17.0840

130.3410,
-47.0031, 96.1709

233.2350, -3.0739,
5.9329

117.6260,
-52.5666, 107.3220

245.9500, 2.4897,
-5.2181

■ 111.6760,
-55.0563, 112.5401

■ 250.5150, 2.2111,
-9.2217

Harmonies

Analogous

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



183.7900, -11.2355, 57.1892



181.7880, -25.0385, 51.0519



179.9030, -32.9832, 32.5341

Triad

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



181.7880, -25.0385, 51.0519



165.2350, -0.1159, -56.3341



180.9790, 32.0554, -14.8906

Complementary

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



181.7880, -25.0385, 51.0519



189.2120, 25.0385, -51.0519

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.



170.6210, 38.1478, -55.7956



181.7880, -25.0385, 51.0519



156.3570, 21.5160, -88.0131

Square

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



181.7880, -25.0385, 51.0519



172.0960, -19.2743, -24.6402



157.5320, 36.2197, -90.7976



185.0500, 21.1744, 21.8812

Rectangle

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



181.7880, -25.0385, 51.0519



177.2060, -32.6396, 15.6053



157.5320, 36.2197, -90.7976



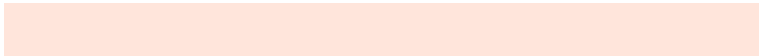
178.2870, 34.8615, -28.3157

Sweetspot

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



181.7880, -25.0385, 51.0519



235.6340, -8.2006, 16.9840



172.4830, 18.0029, 59.2124



116.1000, -4.9793, 10.4363



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.



181.7880, -25.0385, 51.0519



180.3400, -32.2126, 65.4768



213.4860, -40.6656, 23.2528



113.3490, -2.6371, 5.8329



85.5400, -42.1712, 86.3494



26.1360, -12.8850, 26.1907

Inverse Universe

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



189.2120, 25.0385, -51.0519



189.6600, 32.2126, -65.4768



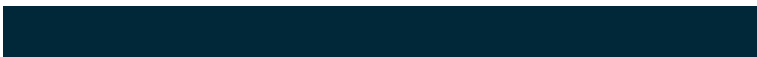
157.5140, 40.6656, -23.2528



114.0640, 2.9264, -5.3181



97.8730, 42.4606, -85.8346



29.8640, 12.8850, -26.1907

Previews

White Background



This preview shows how the YUV color 181.7880, -25.0385, 51.0519 looks on a white background.

Color Contrast Check

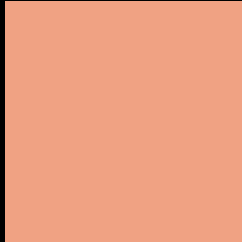
Large Text (above 18pt) WCAG AA × Fail

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 181.7880, -25.0385, 51.0519 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 181.7880, -25.0385, 51.0519

Background



This preview shows how black text looks on a background with the YUV color 181.7880, -25.0385, 51.0519.



This preview shows how white text looks on a background with the YUV color 181.7880, -25.0385, 51.0519.

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

181.7880, -25.0385, 51.0519

Protanopia

179.8000, -20.1144, 11.5764

Deuteranopia

180.5420, -25.4102, 30.2197



Tritanopia

184.0820, -7.4354, 51.6711

Trichromacy



Original Color

181.7880, -25.0385, 51.0519

Protanomaly

180.4320, -21.9050, 25.9311

Deuteranomaly

180.9990, -25.1425, 37.7119

Tritanomaly

183.3610, -13.9820, 51.4264

Monochromacy



Original Color

181.7880, -25.0385, 51.0519

Achromatopsia

182.0000, 0.0000, 0.0000

Achromatomaly

182.0040, -9.3690, 18.4135

CSS Examples

Text

The CSS property to change the color of the text to YUV 181.7880, -25.0385, 51.0519 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(240, 162, 131)` looks like.

```
.text, #text, p{  
    color:rgb(240, 162, 131)  
}
```

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(240, 162, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 162, 131) }
```

Border

The CSS property to change the border of an element to YUV 181.7880, -25.0385, 51.0519 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(240, 162, 131) }
```


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

```
.border{ border-color:rgb(240, 162, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 162, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 162, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 162, 131);  
box-shadow:4px 4px 4px 4px rgb(240, 162,  
131) }
```

Background

The CSS property to change the background color of an element to YUV 181.7880, -25.0385, 51.0519 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 162, 131) }
```

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

```
.background{ background-color: rgb(240,  
162, 131) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor