

Converting Colors

YUV(180.8270, -54.6377,
24.7077)

Have a look what the booklet for
YUV(180.8270, -54.6377, 24.7077)
contains.

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Color

**YUV(180.8270, -54.6377,
24.7077)**

Conversions

Conversions Part 1

Format	Color
Hex	D1BC46
RGB	209, 188, 70
RGB Percent	82%, 74%, 27%
CMY	0.1804, 0.2627, 0.7255
CMYK	0.00, 0.10, 0.67, 0.18
HSL	51°, 60%, 55%
HSV	51°, 67%, 82%
XYZ	45.3832, 49.9639, 13.0464
YIQ	180.8270, 50.3940, -32.2460

Conversions

Conversions Part 2

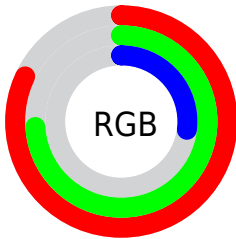
Format	Color
RYB	95, 209, 70
Decimal	13745222
CIELab	76.05, -5.95, 60.10
CIELCh	76, 60.397, 95.657
Yxy	49.9639, 0.4187, 0.4609
Android (android.graphics.Color)	4291935302 (0xFFD1BC46)
YUV	180.8270, -54.6377, 24.7077
Hunter-Lab	70.6852, -9.0937, 38.5364

Details

The YUV color **180.8270, -54.6377, 24.7077** is a light color, and the websafe version is hex **CCCC66**. The color can be described as light muted orange. A complement of this color would be **98.1730, 54.6377, -24.7077**, and the grayscale version is **181.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **233.6090, -54.0372, 18.7599**, and **124.7360, -60.0158, 23.0335** is the 20% darker color. If you saturate the color by 10%, you get **176.6720, -62.9423, 28.3517**, and if you desaturate by 10%, it is **184.9820, -46.3331, 21.0638**.

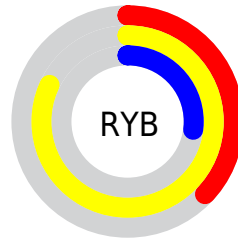
Distribution



Red (82%)

Green (74%)

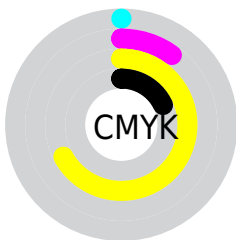
Blue (27%)



Red (37%)

Yellow (82%)

Blue (27%)

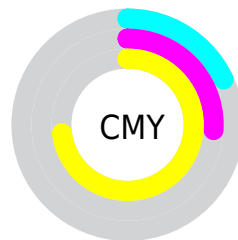


Cyan (0%)

Magenta (10%)

Yellow (67%)

Black (18%)



Cyan (18%)

Magenta (26%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the YUV color 180.8270, -54.6377, 24.7077 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 180.8270, -54.6377, 24.7077 by changing the saturation by 10% instead.

■ 180.8270,
-54.6377, 24.7077

■ 180.8270,
-54.6377, 24.7077

■ 255.0000, 0.0000,
0.0000

■ 153.1150,
-54.7797, 23.5781

■ 233.6090,
-54.0372, 18.7599

■ 124.7360,
-60.0158, 23.0335

■ 243.1440,
-45.4270, 10.3977

■ 101.3470,
-49.9641, 18.9897

■ 246.3360,
-33.1966, 7.5983

■ 79.1860, -39.0387,
14.7459

■ 249.6420,
-20.5295, 4.6990

■ 57.6120, -28.4027,
9.9873

■ 252.9480, -7.8624,
1.7996

■ 36.9240, -18.2035,
5.3287

■ 17.9970, -8.8725,

-0.8744

■ 0.0000, 0.0000,
0.0000

■ 180.8270,
-54.6377, 24.7077

■ 180.8270,
-54.6377, 24.7077

■ 176.6720,
-62.9423, 28.3517

■ 184.9820,
-46.3331, 21.0638

■ 172.5170,
-71.2469, 31.9956

■ 189.1370,
-38.0285, 17.4199

■ 168.3620,
-79.5515, 35.6395

■ 193.2920,
-29.7240, 13.7759

■ 166.3900,
-82.0303, 37.3690

■ 198.0340,
-21.7088, 9.6172

■ 202.1890,
-13.4042, 5.9732

■ 206.2300, -5.5364,
2.4293

■ 210.3850, 2.7682,
-1.2146

■ 214.5400, 11.0728,
-4.8586

■ 218.3530, 18.0670,
-8.2026

Harmonies

Analogous

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



184.5510, -49.0786, 61.7838



180.8270, -54.6377, 24.7077



174.4990, -40.6720, -21.4856

Triad

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



180.8270, -54.6377, 24.7077



153.6450, 47.9960, -134.7467



189.3240, 22.5183, 57.5979

Complementary

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



180.8270, -54.6377, 24.7077



98.1730, 54.6377, -24.7077

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.



188.9810, 32.5474, 14.0487



180.8270, -54.6377, 24.7077



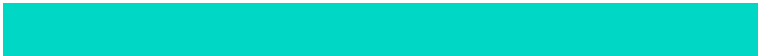
149.4050, 52.0583, -131.0282

Square

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



180.8270, -54.6377, 24.7077



148.6630, 23.8301, -130.3775



170.7990, 41.5111, -61.2137



177.6570, 0.6621, 67.8298

Rectangle

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



180.8270, -54.6377, 24.7077



166.7900, -22.0815, -57.6978



170.7990, 41.5111, -61.2137



193.1640, 28.5131, 48.0912

Sweetspot

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



180.8270, -54.6377, 24.7077



244.4900, -19.9616, 9.2173



114.1830, -10.4432, 83.1545



121.5310, -12.0938, 5.6733



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.



180.8270, -54.6377, 24.7077



213.5470, -80.1357, 36.3543



179.4000, -53.9342, -14.3828



102.5720, -4.2260, 2.1294



134.1730, -66.1473, 29.6663



32.8040, -16.1724, 7.1879

Inverse Universe

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



98.1730, 54.6377, -24.7077



92.4530, 80.1357, -36.3543



99.6000, 53.9342, 14.3828



96.4280, 4.2260, -2.1294



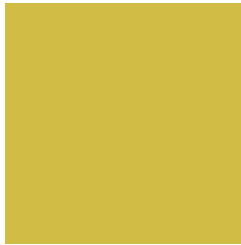
33.8270, 66.1473, -29.6663



8.1960, 16.1724, -7.1879

Previews

White Background



This preview shows how the YUV color 180.8270, -54.6377, 24.7077 looks on a white background.

Color Contrast Check

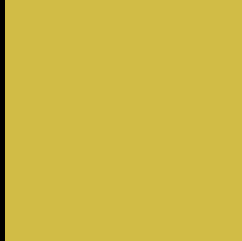
Large Text (above 18pt) WCAG AA × Fail

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 180.8270, -54.6377, 24.7077 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 180.8270, -54.6377, 24.7077

Background



This preview shows how black text looks on a background with the YUV color 180.8270, -54.6377, 24.7077.



This preview shows how white text looks on a background with the YUV color 180.8270, -54.6377, 24.7077.

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

180.8270, -54.6377, 24.7077

Protanopia

180.8270, -54.6377, 24.7077

Deuteranopia

182.4750, -53.9712, 44.3104



Tritanopia

190.4530, -0.2233, 25.0357

Trichromacy



Original Color

180.8270, -54.6377, 24.7077

Protanomaly

180.8270, -54.6377, 24.7077

Deuteranomaly

182.0180, -54.2389, 36.8182

Tritanomaly

186.5890, -20.0104, 24.9164

Monochromacy



Original Color

180.8270, -54.6377, 24.7077

Achromatopsia

181.0000, 0.0000, 0.0000

Achromatomaly

181.1910, -19.8142, 8.6025

CSS Examples

Text

The CSS property to change the color of the text to YUV 180.8270, -54.6377, 24.7077 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(209, 188, 70)` looks like.

```
.text, #text, p{  
    color:rgb(209, 188, 70)  
}
```

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(209, 188, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 188, 70) }
```

Border

The CSS property to change the border of an element to YUV 180.8270, -54.6377, 24.7077 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(209, 188, 70) }
```


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

```
.border{ border-color:rgb(209, 188, 70) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 188, 70)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 188, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 188, 70);  
box-shadow:4px 4px 4px 4px rgb(209, 188,  
70) }
```

Background

The CSS property to change the background color of an element to YUV 180.8270, -54.6377, 24.7077 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 188, 70) }
```

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

```
.background{ background-color: rgb(209,  
188, 70) }
```

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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