

Converting Colors

YUV(178.6380, -41.7265,
-56.6875)

Have a look what the booklet for
YUV(178.6380, -41.7265, -56.6875)
contains.

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Color

**YUV(178.6380, -41.7265,
-56.6875)**

Conversions

Conversions Part 1

Format	Color
Hex	72E45E
RGB	114, 228, 94
RGB Percent	45%, 89%, 37%
CMY	0.5529, 0.1059, 0.6314
CMYK	0.50, 0.00, 0.59, 0.11
HSL	111°, 71%, 63%
HSV	111°, 59%, 89%
XYZ	36.7032, 59.8724, 20.2117
YIQ	178.6380, -24.9300, -65.8420

Conversions

Conversions Part 2

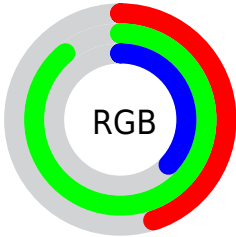
Format	Color
RYB	94, 228, 208
Decimal	7529566
CIELab	81.77, -57.31, 54.48
CIELCh	82, 79.074, 136.453
Yxy	59.8724, 0.3143, 0.5127
Android (android.graphics.Color)	4285719646 (0xFF72E45E)
YUV	178.6380, -41.7265, -56.6875
Hunter-Lab	77.3772, -50.7403, 38.6769

Details

The YUV color **178.6380, -41.7265, -56.6875** is a dark color, and the websafe version is hex **66CC33**. The color can be described as middle muted chartreuse. A complement of this color would be **143.3620, 41.7265, 56.6875**, and the grayscale version is **179.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **218.2840, -34.6500, -39.7141**, and **120.3600, -40.1105, -61.7057** is the 20% darker color. If you saturate the color by 10%, you get **170.3350, -48.9722, -66.0688**, and if you desaturate by 10%, it is **186.9410, -34.4809, -47.3063**.

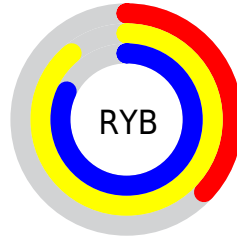
Distribution



Red (45%)

Green (89%)

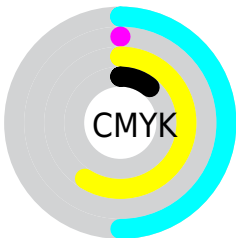
Blue (37%)



Red (37%)

Yellow (89%)

Blue (82%)

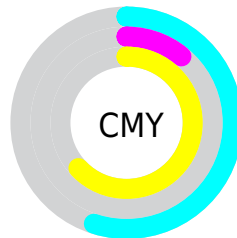


Cyan (50%)

Magenta (0%)

Yellow (59%)

Black (11%)



Cyan (55%)

Magenta (11%)

Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the YUV color 178.6380, -41.7265, -56.6875 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 178.6380, -41.7265, -56.6875 by changing the saturation by 10% instead.

■ 178.6380,
-41.7265, -56.6875

■ 178.6380,
-41.7265, -56.6875

255.0000, 0.0000,
0.0000

■ 149.2680,
-40.5581, -58.1170

■ 218.2840,
-34.6500, -39.7141

■ 120.3600,
-40.1105, -61.7057

■ 230.4460,
-26.8419, -24.0701

■ 84.5280, -41.6723,
-74.1311

■ 242.6080,
-19.0337, -8.4262

■ 69.2660, -34.1481,
-60.7463

■ 252.4920, -9.6096,
2.1995

■ 54.0040, -26.6240,
-47.3615

■ 39.3290, -19.3892,
-34.4915

■ 26.4150, -13.0226,

-23.1660

■ 7.0440, -3.4727,
-6.1776

■ 0.0000, 0.0000,
0.0000

■ 178.6380,
-41.7265, -56.6875

■ 178.6380,
-41.7265, -56.6875

■ 170.3350,
-48.9722, -66.0688

■ 186.9410,
-34.4809, -47.3063

■ 161.7330,
-56.0704, -76.0648


■ 195.5430,
-27.3827, -37.3102

■ 153.5440,
-62.8792, -85.5461

■ 203.7320,
-20.5739, -27.8290

■ 144.9420,
-69.9774, -95.5421


■ 212.3340,
-13.4757, -17.8329

 144.0020,
-70.9930, -96.4718

 220.6370, -6.2300,
-8.4516

 228.9400, 1.0156,
0.9296

 237.5420, 8.1138,
10.9257

 239.1510, 7.8136,
13.8996

Harmonies

Analogous

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



189.1740, -74.5288, 11.2484



178.6380, -41.7265, -56.6875



157.4560, 4.2122, -138.0889

Triad

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



178.6380, -41.7265, -56.6875



158.7970, 47.4281, -139.2650



173.2400, -3.5693, 71.7035

Complementary

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



178.6380, -41.7265, -56.6875



143.3620, 41.7265, 56.6875

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.



184.0240, 27.5962, 62.2460



178.6380, -41.7265, -56.6875



185.0740, 34.4735, -43.9149

Square

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



178.6380, -41.7265, -56.6875



166.4280, 43.6660, -145.9574



202.1700, 26.0452, 46.3319



179.5760, -40.2170, 66.1468

Rectangle

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



178.6380, -41.7265, -56.6875



164.5580, 26.3469, -144.3174



202.1700, 26.0452, 46.3319



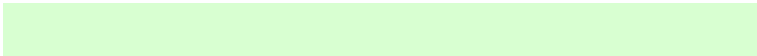
174.8020, 7.4926, 70.3336

Sweetspot

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



178.6380, -41.7265, -56.6875



238.0950, -14.3438, -19.3773



200.9840, -52.7431, 23.6930



117.5180, -9.1294, -11.8553



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.



178.6380, -41.7265, -56.6875



188.3200, -56.3598, -76.5796



178.0160, -18.2489, -73.6820



110.6420, -3.7675, -4.9480



113.1460, -55.7810, -75.5500



32.3290, -15.9382, -21.3365

Inverse Universe

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



143.3620, 41.7265, 56.6875



140.6800, 56.3598, 76.5796



143.9840, 18.2489, 73.6820



107.3580, 3.7675, 4.9480



65.8540, 55.7810, 75.5500



18.6710, 15.9382, 21.3365

Previews

White Background



This preview shows how the YUV color 178.6380, -41.7265, -56.6875 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 178.6380, -41.7265, -56.6875 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 178.6380, -41.7265, -56.6875 Background



This preview shows how black text looks on a background with the YUV color 178.6380, -41.7265, -56.6875.



This preview shows how white text looks on a background with the YUV color 178.6380, -41.7265, -56.6875.

-56.6875.

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

178.6380, -41.7265, -56.6875

Protanopia

195.3540, -53.9115, 25.1225

Deuteranopia

198.7120, -46.6930, 43.2256



Tritanopia

194.1110, 18.1863, -46.5783

Trichromacy



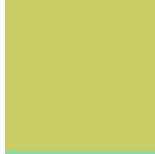
Original Color

178.6380, -41.7265, -56.6875



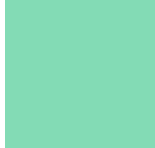
Protanomaly

189.0190, -49.3094, -4.4017



Deuteranomaly

191.2360, -44.9793, 6.8090



Tritanomaly

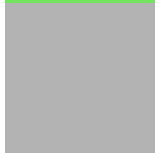
188.3560, -3.6265, -50.3012

Monochromacy



Original Color

178.6380, -41.7265, -56.6875



Achromatopsia

179.0000, 0.0000, 0.0000



Achromatomaly

178.8560, -15.2120, -20.9217

CSS Examples

Text

The CSS property to change the color of the text to YUV 178.6380, -41.7265, -56.6875 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(114, 228, 94)` looks like.

```
.text, #text, p{  
    color:rgb(114, 228, 94)  
}
```

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(114, 228, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 228, 94) }
```

Border

The CSS property to change the border of an element to YUV 178.6380, -41.7265, -56.6875 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(114, 228, 94) }
```


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

```
.border{ border-color:rgb(114, 228, 94) }
```

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

Here you see how a box with a 4 pixel rgb(114, 228, 94) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 228, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 228, 94);  
box-shadow:4px 4px 4px 4px rgb(114, 228,  
94) }
```

Background

The CSS property to change the background color of an element to YUV 178.6380, -41.7265, -56.6875 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 228, 94) }
```

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

```
.background{ background-color: rgb(114,  
228, 94) }
```

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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