

Converting Colors

YUV(202.4530, -57.4113,
27.6667)

Have a look what the booklet for
YUV(202.4530, -57.4113, 27.6667)
contains.

YUV(202.4530, -57.4113, 27.6667)	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(202.4530, -57.4113,
27.6667)**

Conversions

Conversions Part 1

Format	Color
Hex	EAD156
RGB	234, 209, 86
RGB Percent	92%, 82%, 34%
CMY	0.0824, 0.1804, 0.6627
CMYK	0.00, 0.11, 0.63, 0.08
HSL	50°, 78%, 63%
HSV	50°, 63%, 92%
XYZ	58.4119, 63.7652, 18.0334
YIQ	202.4530, 54.3830, -32.9530

Conversions

Conversions Part 2

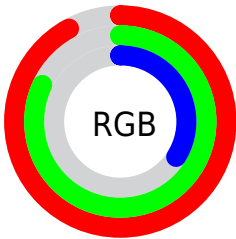
Format	Color
RYB	116, 234, 86
Decimal	15389014
CIELab	83.84, -5.26, 62.31
CIElCh	84, 62.532, 94.825
Yxy	63.7652, 0.4166, 0.4548
Android (android.graphics.Color)	4293579094 (0xFFEAD156)
YUV	202.4530, -57.4113, 27.6667
Hunter-Lab	79.8531, -9.1718, 42.5076

Details

The YUV color $202.4530, -57.4113, 27.6667$ is a light color, and the websafe version is hex FFCC66 . The color can be described as light muted yellow. A complement of this color would be $117.5470, 57.4113, -27.6667$, and the grayscale version is $203.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $241.8900, -50.2318, 11.4975$, and $146.5020, -58.4215, 24.9927$ is the 20% darker color. If you saturate the color by 10%, you get $197.4830, -66.3001, 32.0254$, and if you desaturate by 10%, it is $207.4230, -48.5225, 23.3080$.

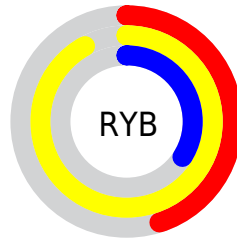
Distribution



Red (92%)

Green (82%)

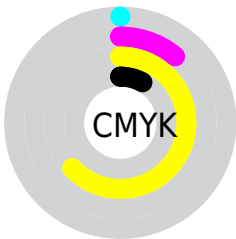
Blue (34%)



Red (45%)

Yellow (92%)

Blue (34%)

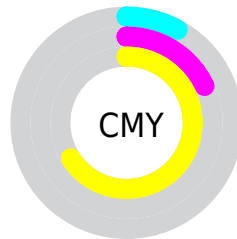


Cyan (0%)

Magenta (11%)

Yellow (63%)

Black (8%)



Cyan (8%)

Magenta (18%)

Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the YUV color 202.4530, -57.4113, 27.6667 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 202.4530, -57.4113, 27.6667 by changing the saturation by 10% instead.

■ 202.4530,
-57.4113, 27.6667

■ 202.4530,
-57.4113, 27.6667

■ 255.0000, 0.0000,
0.0000

■ 174.5560,
-56.9691, 25.8224

■ 241.8900,
-50.2318, 11.4975

■ 146.5020,
-58.4215, 24.9927

■ 245.0820,
-38.0014, 8.6981

■ 119.3770,
-58.8529, 23.3484

■ 248.3880,
-25.3343, 5.7987

■ 96.3300, -47.4907,
19.0046

■ 251.5800,
-13.1039, 2.9993

■ 74.1690, -36.5653,
14.7608

■ 53.1820, -26.2187,
9.4874

■ 33.3800, -16.4563,

4.9287

■ 11.7840, -5.8095,
-3.3186

■ 0.0000, 0.0000,
0.0000

■ 202.4530,
-57.4113, 27.6667

■ 202.4530,
-57.4113, 27.6667

■ 197.4830,
-66.3001, 32.0254

■ 207.4230,
-48.5225, 23.3080

■ 192.3990,
-75.6257, 36.4841

■ 212.5070,
-39.1970, 18.8494

■ 187.4290,
-84.5145, 40.8428

■ 217.4770,
-30.3082, 14.4907

■ 183.8440,
-90.6351, 43.9868

■ 222.5610,
-20.9826, 10.0320

■ 227.5310,
-12.0938, 5.6733

■ 232.5010, -3.2050,
1.3146

■ 237.5850, 6.1206,
-3.1440

■ 240.5030, 7.1470,
-5.7031

■ 242.8510, 5.9895,
-7.7623

Harmonies

Analogous

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



198.2290, -47.4409, 49.7882



202.4530, -57.4113, 27.6667



195.8150, -43.2928, -20.8858

Triad

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



202.4530, -57.4113, 27.6667



168.1890, 42.7978, -147.5018



203.9310, 25.1770, 44.7875

Complementary

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



202.4530, -57.4113, 27.6667



117.5470, 57.4113, -27.6667

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.



208.1740, 23.0852, 15.6334



202.4530, -57.4113, 27.6667



162.9060, 45.4023, -142.8686

Square

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



202.4530, -57.4113, 27.6667



165.0310, 25.6207, -144.7322



188.7960, 32.6386, -62.0881



192.0190, 4.9206, 55.2343

Rectangle

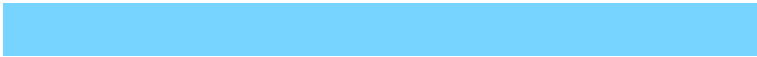
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



202.4530, -57.4113, 27.6667



188.0950, -24.6968, -58.8423



188.7960, 32.6386, -62.0881



207.4530, 23.4407, 41.6987

Sweetspot

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



202.4530, -57.4113, 27.6667



244.8320, -18.6512, 8.9173



133.3300, -10.0227, 88.2876



121.6450, -11.6570, 5.5733



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.



202.4530, -57.4113, 27.6667



213.5130, -75.1889, 36.3841



203.0750, -57.7180, -14.0978



114.5720, -4.2260, 2.1294



142.1690, -70.0893, 34.0548



42.5610, -20.9826, 10.0320

Inverse Universe

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



117.5470, 57.4113, -27.6667



102.4870, 75.1889, -36.3841



116.9250, 57.7180, 14.0978



108.4280, 4.2260, -2.1294



38.8310, 70.0893, -34.0548



11.4390, 20.9826, -10.0320

Previews

White Background



This preview shows how the YUV color 202.4530, -57.4113, 27.6667 looks on a white background.

Color Contrast Check

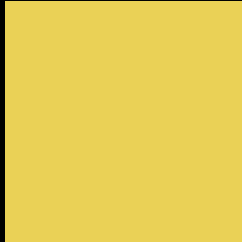
Large Text (above 18pt) WCAG AA × Fail

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 202.4530, -57.4113, 27.6667 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 202.4530, -57.4113, 27.6667

Background



This preview shows how black text looks on a background with the YUV color 202.4530, -57.4113, 27.6667.



This preview shows how white text looks on a background with the YUV color 202.4530, -57.4113, 27.6667.

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

202.4530, -57.4113, 27.6667

Protanopia

202.1540, -57.2639, 27.0519

Deuteranopia

205.9570, -48.2928, 43.0107



Tritanopia

212.3610, -0.6710, 28.6244

Trichromacy



Original Color

202.4530, -57.4113, 27.6667

Protanomaly

202.1540, -57.2639, 27.0519

Deuteranomaly

204.4140, -51.4761, 37.3479

Tritanomaly

208.9700, -21.1842, 28.0903

Monochromacy



Original Color

202.4530, -57.4113, 27.6667

Achromatopsia

202.0000, 0.0000, 0.0000

Achromatomaly

202.5610, -20.9826, 10.0320

CSS Examples

Text

The CSS property to change the color of the text to YUV 202.4530, -57.4113, 27.6667 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(234, 209, 86)` looks like.

```
.text, #text, p{  
    color:rgb(234, 209, 86)  
}
```

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(234, 209, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 209, 86) }
```

Border

The CSS property to change the border of an element to YUV 202.4530, -57.4113, 27.6667 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(234, 209, 86) }
```


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

```
.border{ border-color:rgb(234, 209, 86) }
```

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

Here you see how a box with a 4 pixel rgb(234, 209, 86) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 209, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 209, 86);  
box-shadow:4px 4px 4px 4px rgb(234, 209,  
86) }
```

Background

The CSS property to change the background color of an element to YUV 202.4530, -57.4113, 27.6667 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 209, 86) }
```

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

```
.background{ background-color: rgb(234,  
209, 86) }
```

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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