

Converting Colors

YUV(208.0060, -52.7540,
27.1817)

Have a look what the booklet for
YUV(208.0060, -52.7540, 27.1817)
contains.

YUV(208.0060, -52.7540, 27.1817)	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(208.0060, -52.7540,
27.1817)**

Conversions

Conversions Part 1

Format	Color
Hex	EFD565
RGB	239, 213, 101
RGB Percent	94%, 84%, 40%
CMY	0.0627, 0.1647, 0.6039
CMYK	0.00, 0.11, 0.58, 0.06
HSL	49°, 81%, 67%
HSV	49°, 58%, 94%
XYZ	61.7398, 66.8788, 21.9668
YIQ	208.0060, 51.4480, -29.3200

Conversions

Conversions Part 2

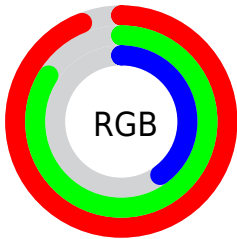
Format	Color
RYB	133, 239, 101
Decimal	15717733
CIELab	85.44, -4.23, 57.60
CIELCh	85, 57.756, 94.199
Yxy	66.8788, 0.4100, 0.4441
Android (android.graphics.Color)	4293907813 (0xFFEFD565)
YUV	208.0060, -52.7540, 27.1817
Hunter-Lab	81.7795, -8.3546, 41.3197

Details

The YUV color $208.0060, -52.7540, 27.1817$ is a light color, and the websafe version is hex FFCC66 . A complement of this color would be $131.9940, 52.7540, -27.1817$, and the grayscale version is $208.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $243.6000, -43.6798, 9.9978$, and $152.5110, -52.0169, 24.1079$ is the 20% darker color. If you saturate the color by 10%, you get $202.3350, -61.7902, 32.1552$, and if you desaturate by 10%, it is $213.6770, -43.7178, 22.2083$.

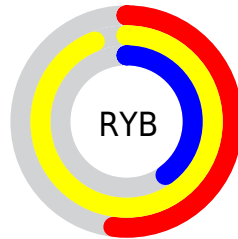
Distribution



Red (94%)

Green (84%)

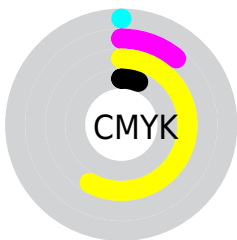
Blue (40%)



Red (52%)

Yellow (94%)

Blue (40%)

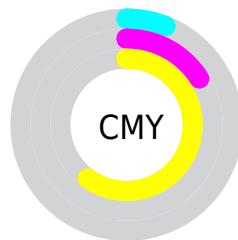


Cyan (0%)

Magenta (11%)

Yellow (58%)

Black (6%)



Cyan (6%)

Magenta (16%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YUV color 208.0060, -52.7540, 27.1817 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 208.0060, -52.7540, 27.1817 by changing the saturation by 10% instead.

■ 208.0060,
-52.7540, 27.1817

■ 208.0060,
-52.7540, 27.1817

■ 255.0000, 0.0000,
0.0000

■ 179.5220,
-52.0223, 25.8522

■ 243.6000,
-43.6798, 9.9978

■ 152.5110,
-52.0169, 24.1079

■ 246.7920,
-31.4495, 7.1984

■ 125.2290,
-54.3429, 23.4782

■ 249.9840,
-19.2191, 4.3990

■ 100.4720,
-49.5327, 20.6341

■ 253.2900, -6.5520,
1.4997

■ 78.3110, -38.6073,
16.3903

■ 56.7370, -27.9713,
11.6317

■ 36.0490, -17.7722,

6.9730

■ 17.1220, -8.4411,
0.7700

■ 0.0000, 0.0000,
0.0000

■ 208.0060,
-52.7540, 27.1817

■ 208.0060,
-52.7540, 27.1817

■ 202.3350,
-61.7902, 32.1552

■ 213.6770,
-43.7178, 22.2083

■ 197.2510,
-71.1157, 36.6139

■ 218.7610,
-34.3922, 17.7496

■ 191.5800,
-80.1519, 41.5873

■ 224.4320,
-25.3560, 12.7761

■ 186.4960,
-89.4775, 46.0460

■ 229.5160,
-16.0304, 8.3175

■ 185.3390,
-91.3721, 47.0607

■ 235.0730, -7.4310,
3.4440

■ 240.1570, 1.8946,
-1.0147

■ 244.3460, 5.2524,
-4.6884

■ 246.6940, 4.0949,
-6.7476

■ 249.6290, 2.6479,
-9.3216

Harmonies

Analogous

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



203.2330, -43.4989, 45.3997



208.0060, -52.7540, 27.1817



201.9340, -40.3935, -17.4821

Triad

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



208.0060, -52.7540, 27.1817



169.9500, 41.9297, -149.0461



209.2140, 22.5725, 40.1543

Complementary

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



208.0060, -52.7540, 27.1817



131.9940, 52.7540, -27.1817

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.



212.2940, 21.0541, 13.7742



208.0060, -52.7540, 27.1817



165.2540, 44.2448, -144.9278

Square

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



208.0060, -52.7540, 27.1817



167.1340, 26.0629, -146.5765



196.5150, 28.8331, -54.8257



198.5730, 4.6475, 49.4865

Rectangle

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



208.0060, -52.7540, 27.1817



195.3670, -23.8449, -52.0649



196.5150, 28.8331, -54.8257



212.1490, 21.1255, 37.5803

Sweetspot

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



208.0060, -52.7540, 27.1817



245.4020, -16.4672, 8.4174



145.4540, -8.1118, 82.0398



122.1010, -9.9098, 5.1734



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.



208.0060, -52.7540, 27.1817



215.5650, -67.3265, 34.5845



211.0090, -54.2344, -11.4089



117.4580, -4.6628, 2.2293



142.4790, -70.2421, 36.4139



43.7460, -21.5668, 10.7468

Inverse Universe

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



131.9940, 52.7540, -27.1817



118.4350, 67.3265, -34.5845



128.9910, 54.2344, 11.4089



110.5420, 4.6628, -2.2293



41.5210, 70.2421, -36.4139



12.8410, 21.2774, -11.2616

Previews

White Background



This preview shows how the YUV color 208.0060, -52.7540, 27.1817 looks on a white background.

Color Contrast Check

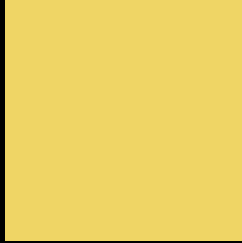
Large Text (above 18pt) WCAG AA × Fail

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 208.0060, -52.7540, 27.1817 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 208.0060, -52.7540, 27.1817

Background



This preview shows how black text looks on a background with the YUV color 208.0060, -52.7540, 27.1817.



This preview shows how white text looks on a background with the YUV color 208.0060, -52.7540, 27.1817.

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

208.0060, -52.7540, 27.1817

Protanopia

207.9950, -52.7485, 25.4374

Deuteranopia

211.7420, -38.8198, 37.9373



Tritanopia

217.0620, -0.5236, 28.0096

Trichromacy



Original Color

208.0060, -52.7540, 27.1817

Protanomaly

208.2940, -52.8959, 26.0522

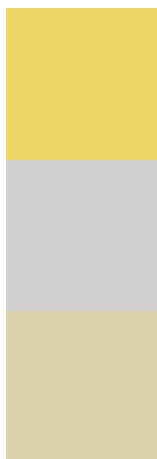
Deuteranomaly

210.3410, -44.0451, 33.9039

Tritanomaly

213.4260, -19.4370, 27.6904

Monochromacy



Original Color

208.0060, -52.7540, 27.1817

Achromatopsia

208.0000, 0.0000, 0.0000

Achromatomaly

208.0170, -19.2354, 9.6321

CSS Examples

Text

The CSS property to change the color of the text to YUV 208.0060, -52.7540, 27.1817 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(239, 213, 101)` looks like.

```
.text, #text, p{  
    color:rgb(239, 213, 101)  
}
```

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(239, 213, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 213, 101) }
```

Border

The CSS property to change the border of an element to YUV 208.0060, -52.7540, 27.1817 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(239, 213, 101) }
```


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

```
.border{ border-color:rgb(239, 213, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 213, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 213, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 213, 101);  
box-shadow:4px 4px 4px 4px rgb(239, 213,  
101) }
```

Background

The CSS property to change the background color of an element to YUV 208.0060, -52.7540, 27.1817 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 213, 101) }
```

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

```
.background{ background-color: rgb(239,  
213, 101) }
```

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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