

Converting Colors

YUV(209.7290, -52.6174,
30.0557)

Have a look what the booklet for
YUV(209.7290, -52.6174, 30.0557)
contains.

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Color

**YUV(209.7290, -52.6174,
30.0557)**

Conversions

Conversions Part 1

Format	Color
Hex	F4D567
RGB	244, 213, 103
RGB Percent	96%, 84%, 40%
CMY	0.0431, 0.1647, 0.5961
CMYK	0.00, 0.13, 0.58, 0.04
HSL	47°, 87%, 68%
HSV	47°, 58%, 96%
XYZ	63.5507, 67.8009, 22.5694
YIQ	209.7290, 53.7860, -27.6380

Conversions

Conversions Part 2

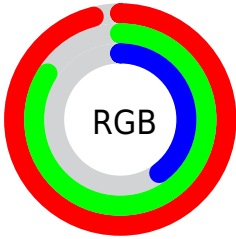
Format	Color
R_{YB}	143, 244, 103
Decimal	16045415
CIE _{Lab}	85.91, -2.04, 57.34
CIE _{LCh}	86, 57.374, 92.034
Yxy	67.8009, 0.4129, 0.4405
Android (android.graphics.Color)	4294235495 (0xFFFF4D567)
YUV	209.7290, -52.6174, 30.0557
Hunter-Lab	82.3413, -6.3317, 41.3878

Details

The YUV color $209.7290, -52.6174, 30.0557$ is a light color, and the websafe version is hex FFCC66 . A complement of this color would be $137.2710, 52.6174, -30.0557$, and the grayscale version is $210.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $243.8280, -42.8062, 9.7978$, and $154.3480, -51.4436, 26.8818$ is the 20% darker color. If you saturate the color by 10%, you get $204.0580, -61.6536, 35.0291$, and if you desaturate by 10%, it is $215.4000, -43.5812, 25.0822$.

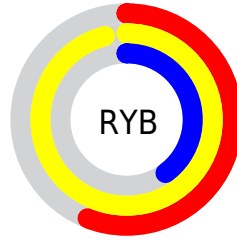
Distribution



Red (96%)

Green (84%)

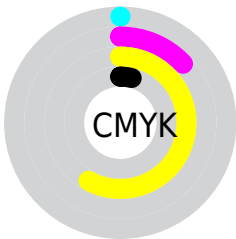
Blue (40%)



Red (56%)

Yellow (96%)

Blue (40%)

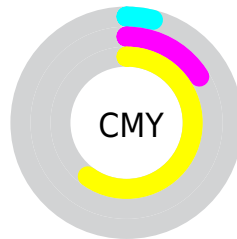


Cyan (0%)

Magenta (13%)

Yellow (58%)

Black (4%)



Cyan (4%)

Magenta (16%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YUV color 209.7290, -52.6174, 30.0557 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 209.7290, -52.6174, 30.0557 by changing the saturation by 10% instead.

209.7290,
-52.6174, 30.0557

209.7290,
-52.6174, 30.0557

255.0000, 0.0000,
0.0000

181.2450,
-51.8858, 28.7261

243.8280,
-42.8062, 9.7978

154.3480,
-51.4436, 26.8818

247.0200,
-30.5759, 6.9985

126.8810,
-53.1853, 25.5374

250.2120,
-18.3455, 4.1991

101.6680,
-50.1223, 23.0932

253.5180, -5.6784,
1.2997

79.5070, -39.1970,
18.8494

57.9330, -28.5610,
14.0908

37.2450, -18.3618,

9.4321

■ 18.0300, -8.8888,
4.3587

■ 0.0000, 0.0000,
0.0000

■ 209.7290,
-52.6174, 30.0557

■ 209.7290,
-52.6174, 30.0557

■ 204.0580,
-61.6536, 35.0291

■ 215.4000,
-43.5812, 25.0822

■ 197.6860,
-70.8372, 40.6174

■ 221.7720,
-34.3976, 19.4940

■ 192.0150,
-79.8734, 45.5908

■ 227.4430,
-25.3614, 14.5205

■ 186.2300,
-89.3464, 50.6643

■ 233.2280,
-15.8884, 9.4470

■ 184.4860,
-90.9516, 52.1938

■ 239.4860, -7.1416,
3.9588

■ 245.1570, 1.8946,
-1.0147

■ 249.3630, 2.7790,
-4.7034

■ 251.7110, 1.6215,
-6.7625

Harmonies

Analogous

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



203.6890, -41.7517, 44.9997



209.7290, -52.6174, 30.0557



204.2010, -42.0041, -14.2083

Triad

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



209.7290, -52.6174, 30.0557



170.5370, 41.6403, -149.5609



210.3880, 21.9937, 39.1247

Complementary

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



209.7290, -52.6174, 30.0557



137.2710, 52.6174, -30.0557

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.



212.8590, 20.7755, 9.7707



209.7290, -52.6174, 30.0557



166.4280, 43.6660, -145.9574

Square

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



209.7290, -52.6174, 30.0557



167.3790, 24.4632, -146.7914



195.8950, 29.1388, -59.5439



199.7300, 6.5421, 48.4718

Rectangle

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



209.7290, -52.6174, 30.0557



198.2320, -25.7504, -47.5615



195.8950, 29.1388, -59.5439



213.9100, 20.2574, 36.0359

Sweetspot

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



209.7290, -52.6174, 30.0557



244.2280, -15.8884, 9.4470



148.9210, -6.3701, 83.3843



121.5140, -9.6204, 5.6882



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.



209.7290, -52.6174, 30.0557



212.0430, -65.5902, 37.6733



216.5640, -55.9871, -9.2646



119.4580, -4.6628, 2.2293



140.7290, -69.3794, 39.7027



44.6430, -22.0090, 12.5911

Inverse Universe

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



137.2710, 52.6174, -30.0557



121.9570, 65.5902, -37.6733



130.4360, 55.9871, 9.2646



113.1290, 4.3734, -2.7441



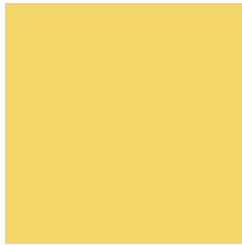
45.2710, 69.3794, -39.7027



14.3570, 22.0090, -12.5911

Previews

White Background



This preview shows how the YUV color 209.7290, -52.6174, 30.0557 looks on a white background.

Color Contrast Check

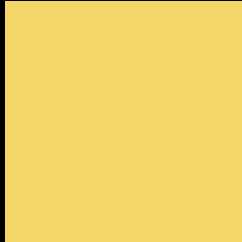
Large Text (above 18pt) WCAG AA × Fail

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 209.7290, -52.6174, 30.0557 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 209.7290, -52.6174, 30.0557

Background



This preview shows how black text looks on a background with the YUV color 209.7290, -52.6174, 30.0557.



This preview shows how white text looks on a background with the YUV color 209.7290, -52.6174,

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

209.7290, -52.6174, 30.0557

Protanopia

209.2230, -51.8749, 25.2374

Deuteranopia

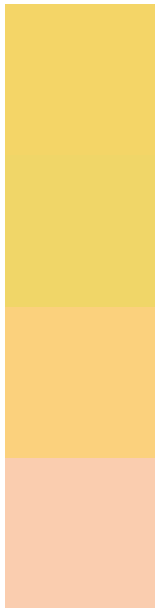
213.4860, -37.2146, 36.4078



Tritanopia

218.5570, -1.2606, 31.0835

Trichromacy



Original Color

209.7290, -52.6174, 30.0557

Protanomaly

209.2340, -51.8804, 26.9818

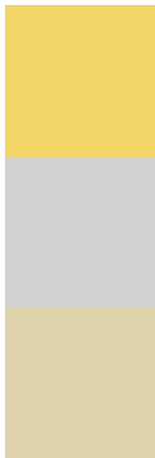
Deuteranomaly

211.9820, -42.8821, 34.2188

Tritanomaly

215.0350, -19.7373, 30.6643

Monochromacy



Original Color

209.7290, -52.6174, 30.0557

Achromatopsia

210.0000, 0.0000, 0.0000

Achromatomaly

209.7290, -19.0934, 10.7617

CSS Examples

Text

The CSS property to change the color of the text to YUV 209.7290, -52.6174, 30.0557 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(244, 213, 103)` looks like.

```
.text, #text, p{  
    color:rgb(244, 213, 103)  
}
```

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(244, 213, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 213, 103) }
```

Border

The CSS property to change the border of an element to YUV 209.7290, -52.6174, 30.0557 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(244, 213, 103) }
```


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

```
.border{ border-color:rgb(244, 213, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 213, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 213, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 213, 103);  
box-shadow:4px 4px 4px 4px rgb(244, 213,  
103) }
```

Background

The CSS property to change the background color of an element to YUV 209.7290, -52.6174, 30.0557 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 213, 103) }
```

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

```
.background{ background-color: rgb(244,  
213, 103) }
```

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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