

Converting Colors

YUV(210.6200, -50.5917,
33.6593)

Have a look what the booklet for
YUV(210.6200, -50.5917, 33.6593)
contains.

YUV(210.6200, -50.5917, 33.6593)	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(210.6200, -50.5917,
33.6593)**

Conversions

Conversions Part 1

Format	Color
Hex	F9D36C
RGB	249, 211, 108
RGB Percent	98%, 83%, 42%
CMY	0.0235, 0.1725, 0.5765
CMYK	0.00, 0.15, 0.57, 0.02
HSL	44°, 92%, 70%
HSV	44°, 57%, 98%
XYZ	65.0680, 67.8110, 23.8467
YIQ	210.6200, 55.7110, -23.9770

Conversions

Conversions Part 2

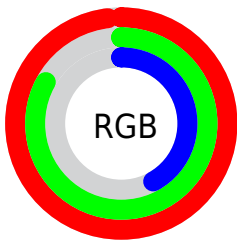
Format	Color
R _Y B	160, 249, 108
Decimal	16372588
CIE Lab	85.91, 1.39, 55.15
CIE LCh	86, 55.172, 88.552
Yxy	67.8110, 0.4152, 0.4327
Android (android.graphics.Color)	4294562668 (0xFFF9D36C)
YUV	210.6200, -50.5917, 33.6593
Hunter-Lab	82.3474, -3.0637, 40.4736

Details

The YUV color $210.6200, -50.5917, 33.6593$ is a light color, and the websafe version is hex FFCC66 . A complement of this color would be $146.3800, 50.5917, -33.6593$, and the grayscale version is $211.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $244.3980, -40.6222, 9.2980$, and $155.2390, -49.4178, 30.4854$ is the 20% darker color. If you saturate the color by 10%, you get $203.6610, -59.4859, 39.7623$, and if you desaturate by 10%, it is $217.5790, -41.6974, 27.5562$.

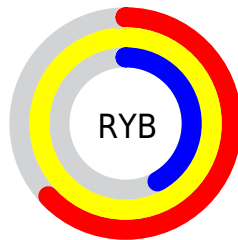
Distribution



Red (98%)

Green (83%)

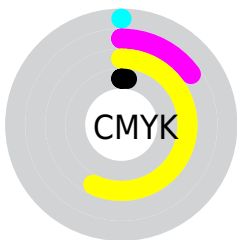
Blue (42%)



Red (63%)

Yellow (98%)

Blue (42%)

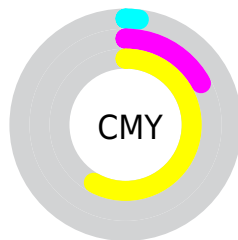


Cyan (0%)

Magenta (15%)

Yellow (57%)

Black (2%)



Cyan (2%)

Magenta (17%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YUV color 210.6200, -50.5917, 33.6593 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 210.6200, -50.5917, 33.6593 by changing the saturation by 10% instead.

210.6200,
-50.5917, 33.6593

210.6200,
-50.5917, 33.6593

255.0000, 0.0000,
0.0000

182.2500,
-49.4232, 32.2298

244.3980,
-40.6222, 9.2980

155.2390,
-49.4178, 30.4854

247.5900,
-28.3919, 6.4986

128.1140,
-49.8492, 28.8410

250.7820,
-16.1615, 3.6992

101.6900,
-50.1332, 26.5819

254.0880, -3.4944,
0.7998

79.5290, -39.2078,
22.3381

57.9550, -28.5718,
17.5795

37.8540, -18.6620,

12.4060

■ 18.6390, -9.1890,
7.3326

■ 0.0000, 0.0000,
0.0000

■ 210.6200,
-50.5917, 33.6593

■ 210.6200,
-50.5917, 33.6593

■ 203.6610,
-59.4859, 39.7623

■ 217.5790,
-41.6974, 27.5562

■ 197.2890,
-68.6695, 45.3505

■ 223.9510,
-32.5138, 21.9680

■ 190.3300,
-77.5637, 51.4536

■ 230.9100,
-23.6196, 15.8649

■ 183.3710,
-86.4579, 57.5566

■ 237.8690,
-14.7254, 9.7619

■ 181.2850,
-89.3735, 59.3861

■ 244.8280, -5.8312,
3.6588

■ 250.8580, 2.0420,
-1.6295

■ 253.2060, 0.8844,
-3.6887

Harmonies

Analogous

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



203.4270, -37.6785, 45.2295



210.6200, -50.5917, 33.6593



205.5330, -42.1678, -8.3604

Triad

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



210.6200, -50.5917, 33.6593



170.5370, 41.6403, -149.5609



212.7360, 20.8362, 37.0655

Complementary

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



210.6200, -50.5917, 33.6593



146.3800, 50.5917, -33.6593

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.



211.9290, 21.2340, 2.6933



210.6200, -50.5917, 33.6593



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.



210.6200, -50.5917, 33.6593



165.9940, 21.6950, -145.5767



194.9760, 29.5918, -64.8770



202.1750, 8.2947, 46.3275

Rectangle

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



210.6200, -50.5917, 33.6593



200.0050, -28.1035, -39.4694



194.9760, 29.5918, -64.8770



216.2580, 19.0998, 33.9767

Sweetspot

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



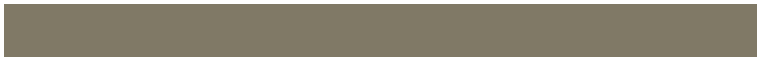
210.6200, -50.5917, 33.6593



243.0540, -15.3096, 10.4766



154.7190, -3.3125, 82.6844



120.9270, -9.3310, 6.2030



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.



210.6200, -50.5917, 33.6593



207.6890, -61.9647, 41.4917



223.6570, -57.0189, -4.9612



121.7570, -4.8102, 2.8441



137.5170, -67.7959, 45.1506



44.6540, -22.0144, 14.3354

Inverse Universe

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



146.3800, 50.5917, -33.6593



128.7240, 62.2541, -40.9769



133.3430, 57.0189, 4.9612



115.8300, 4.5208, -3.3589



51.4830, 67.7959, -45.1506



16.3460, 22.0144, -14.3354

Previews

White Background



This preview shows how the YUV color 210.6200, -50.5917, 33.6593 looks on a white background.

Color Contrast Check

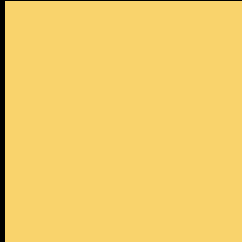
Large Text (above 18pt) WCAG AA × Fail

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 210.6200, -50.5917, 33.6593 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 210.6200, -50.5917, 33.6593 Background



This preview shows how black text looks on a background with the YUV color 210.6200, -50.5917, 33.6593.



This preview shows how white text looks on a background with the YUV color 210.6200, -50.5917, 33.6593.

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

210.6200, -50.5917, 33.6593

Protanopia

209.4940, -49.5435, 24.1228

Deuteranopia

213.6000, -36.7778, 36.3078



Tritanopia

218.7420, -1.8448, 31.7983

Trichromacy



Original Color

210.6200, -50.5917, 33.6593

Protanomaly

210.1030, -49.8438, 27.0967

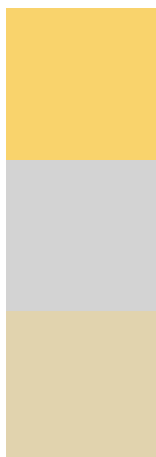
Deuteranomaly

212.3350, -41.5772, 35.6632

Tritanomaly

216.0460, -19.7427, 32.4087

Monochromacy



Original Color

210.6200, -50.5917, 33.6593

Achromatopsia

211.0000, 0.0000, 0.0000

Achromatomaly

210.9680, -18.2252, 12.3061

CSS Examples

Text

The CSS property to change the color of the text to YUV 210.6200, -50.5917, 33.6593 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(249, 211, 108)` looks like.

```
.text, #text, p{  
    color:rgb(249, 211, 108)  
}
```

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(249, 211, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 211, 108) }
```

Border

The CSS property to change the border of an element to YUV 210.6200, -50.5917, 33.6593 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(249, 211, 108) }
```


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

```
.border{ border-color:rgb(249, 211, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 211, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 211, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 211, 108);  
box-shadow:4px 4px 4px 4px rgb(249, 211,  
108) }
```

Background

The CSS property to change the background color of an element to YUV 210.6200, -50.5917, 33.6593 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 211, 108) }
```

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

```
.background{ background-color: rgb(249,  
211, 108) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor