

Converting Colors

YUV(204.2510, -91.3287,
33.1059)

Have a look what the booklet for
YUV(204.2510, -91.3287, 33.1059)
contains.

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Color

**YUV(204.2510, -91.3287,
33.1059)**

Conversions

Conversions Part 1

Format	Color
Hex	F2DD13
RGB	242, 221, 19
RGB Percent	95%, 87%, 7%
CMY	0.0510, 0.1333, 0.9255
CMYK	0.00, 0.09, 0.92, 0.05
HSL	54°, 90%, 51%
HSV	54°, 92%, 95%
XYZ	62.5919, 70.6372, 10.9515
YIQ	204.2510, 77.3580, -58.3700

Conversions

Conversions Part 2

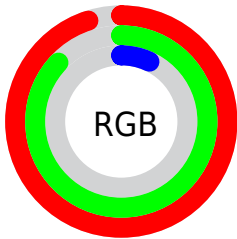
Format	Color
R _Y B	42, 242, 19
Decimal	15916307
CIE Lab	87.31, -10.29, 85.11
CIE LCh	87, 85.726, 96.892
Yxy	70.6372, 0.4341, 0.4899
Android (android.graphics.Color)	4294106387 (0xFF2DD13)
YUV	204.2510, -91.3287, 33.1059
Hunter-Lab	84.0459, -14.1451, 51.1064

Details

The YUV color **204.2510, -91.3287, 33.1059** is a light color, and the websafe version is hex **CCCC00**. The color can be described as light washed yellow. A complement of this color would be **56.7490, 91.3287, -33.1059**, and the grayscale version is **205.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **236.6460, -70.3245, 16.0965**, and **151.5610, -74.7196, 25.8180** is the 20% darker color. If you saturate the color by 10%, you get **200.9110, -99.0491, 36.0351**, and if you desaturate by 10%, it is **208.1610, -81.4244, 29.6768**.

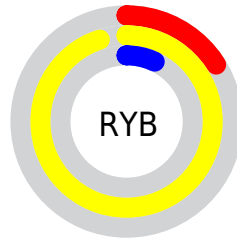
Distribution



Red (95%)

Green (87%)

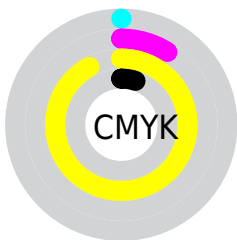
Blue (7%)



Red (16%)

Yellow (95%)

Blue (7%)

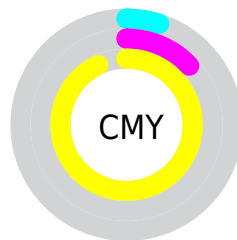


Cyan (0%)

Magenta (9%)

Yellow (92%)

Black (5%)



Cyan (5%)

Magenta (13%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the YUV color 204.2510, -91.3287, 33.1059 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 204.2510, -91.3287, 33.1059 by changing the saturation by 10% instead.

■ 204.2510,
-91.3287, 33.1059

■ 204.2510,
-91.3287, 33.1059

■ 255.0000, 0.0000,
0.0000

■ 176.3800,
-86.9553, 30.3617

■ 236.6460,
-70.3245, 16.0965

■ 151.5610,
-74.7196, 25.8180

■ 240.0660,
-57.2205, 13.0971

■ 127.3290,
-62.7732, 20.7595

■ 243.4860,
-44.1166, 10.0978

■ 103.9830,
-51.2636, 15.8009

■ 246.7920,
-31.4495, 7.1984

■ 81.5230, -40.1908,
10.9423

■ 250.2120,
-18.3455, 4.1991

■ 59.6500, -29.4074,
5.5690

■ 253.6320, -5.2416,

■ 39.2610, -19.3557,

1.1997

1.5251

■ 19.4480, -9.5879,
-4.7779

■ 0.0000, 0.0000,
0.0000

■ 204.2510,
-91.3287, 33.1059

■ 204.2510,
-91.3287, 33.1059

■ 200.9110,
-99.0491, 36.0351

■ 208.1610,
-81.4244, 29.6768

■ 212.6580,
-71.8094, 25.7329

■ 216.6820,
-61.4682, 22.2039

■ 220.5920,
-51.5639, 18.7748

■ 224.5020,
-41.6595, 15.3457

■ 228.9990,
-32.0445, 11.4019

■ 232.9090,
-22.1401, 7.9728

■ 236.9330,
-11.7990, 4.4438

■ 241.4300, -2.1840,
0.4999

Harmonies

Analogous

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



195.0880, -67.0914, 52.5428



204.2510, -91.3287, 33.1059



196.3620, -59.8315, -36.2745

Triad

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



204.2510, -91.3287, 33.1059



178.7550, 37.5888, -156.7681



195.1260, 29.5179, 52.5095

Complementary

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



204.2510, -91.3287, 33.1059



56.7490, 91.3287, -33.1059

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.



213.2680, 20.5739, 27.8290



204.2510, -91.3287, 33.1059



172.2980, 40.7721, -151.1053

Square

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



204.2510, -91.3287, 33.1059



176.5890, 29.2896, -154.8686



165.0650, 44.3380, -128.0990



180.3930, 11.1453, 65.4303

Rectangle

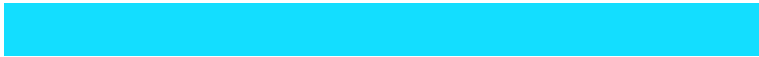
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



204.2510, -91.3287, 33.1059



178.6410, -26.4450, -104.9252



165.0650, 44.3380, -128.0990



201.5830, 26.3346, 46.8467

Sweetspot

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



204.2510, -91.3287, 33.1059



242.7970, -28.9869, 10.7020



88.1850, -23.2622, 134.8958



120.0490, -17.7722, 6.9730



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.



204.2510, -91.3287, 33.1059



211.8420, -104.4381, 37.8496



189.9670, -84.2867, -32.4201



118.0450, -4.9522, 1.7145



152.4580, -75.1618, 27.6623



46.6810, -23.0137, 8.1728

Inverse Universe

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



56.7490, 91.3287, -33.1059



43.1580, 104.4381, -37.8496



71.0330, 84.2867, 32.4201



109.9550, 4.9522, -1.7145



30.9550, 75.4512, -27.1475



9.3190, 23.0137, -8.1728

Previews

White Background



This preview shows how the YUV color 204.2510, -91.3287, 33.1059 looks on a white background.

Color Contrast Check

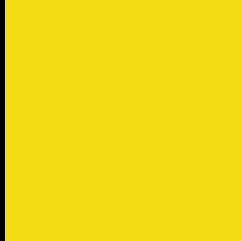
Large Text (above 18pt) WCAG AA × Fail

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 204.2510, -91.3287, 33.1059 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 204.2510, -91.3287, 33.1059

Background



This preview shows how black text looks on a background with the YUV color 204.2510, -91.3287, 33.1059.



This preview shows how white text looks on a background with the YUV color 204.2510, -91.3287, 33.1059.

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

204.2510, -91.3287, 33.1059

Protanopia

204.4580, -91.9238, 37.3093

Deuteranopia

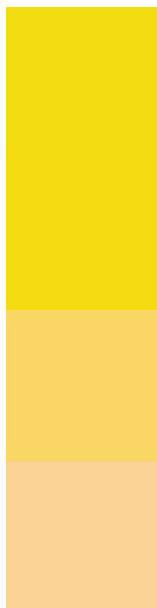
217.3330, -35.1672, 33.0340



Tritanopia

222.3610, -0.6710, 28.6244

Trichromacy



Original Color

204.2510, -91.3287, 33.1059

Protanomaly

204.4470, -91.9184, 35.5650

Deuteranomaly

212.3550, -55.3910, 33.0147

Tritanomaly

215.4790, -33.2671, 30.2749

Monochromacy



Original Color

204.2510, -91.3287, 33.1059

Achromatopsia

204.0000, 0.0000, 0.0000

Achromatomaly

204.0700, -33.0655, 12.2166

CSS Examples

Text

The CSS property to change the color of the text to YUV 204.2510, -91.3287, 33.1059 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(242, 221, 19)` looks like.

```
.text, #text, p{  
    color:rgb(242, 221, 19)  
}
```

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(242, 221, 19) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 221, 19) }
```

Border

The CSS property to change the border of an element to YUV 204.2510, -91.3287, 33.1059 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(242, 221, 19) }
```


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

```
.border{ border-color:rgb(242, 221, 19) }
```

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

Here you see how a box with a 4 pixel rgb(242, 221, 19) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 221, 19); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 221, 19);  
box-shadow:4px 4px 4px 4px rgb(242, 221,  
19) }
```

Background

The CSS property to change the background color of an element to YUV 204.2510, -91.3287, 33.1059 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 221, 19) }
```

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

```
.background{ background-color: rgb(242,  
221, 19) }
```

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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