

Converting Colors

YUV(209.7260, -61.4899,
29.1813)

Have a look what the booklet for
YUV(209.7260, -61.4899, 29.1813)
contains.

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Color

**YUV(209.7260, -61.4899,
29.1813)**

Conversions

Conversions Part 1

Format	Color
Hex	F3D955
RGB	243, 217, 85
RGB Percent	95%, 85%, 33%
CMY	0.0471, 0.1490, 0.6667
CMYK	0.00, 0.11, 0.65, 0.05
HSL	50°, 87%, 64%
HSV	50°, 65%, 95%
XYZ	63.4147, 69.3363, 18.6353
YIQ	209.7260, 57.8680, -35.5400

Conversions

Conversions Part 2

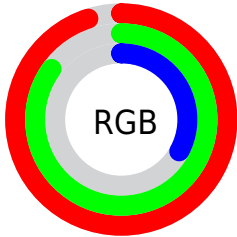
Format	Color
RYB	116, 243, 85
Decimal	15980885
CIELab	86.67, -5.64, 65.98
CIELCh	87, 66.216, 94.885
Yxy	69.3363, 0.4189, 0.4580
Android (android.graphics.Color)	4294170965 (0xFFFF3D955)
YUV	209.7260, -61.4899, 29.1813
Hunter-Lab	83.2684, -9.7795, 45.0189

Details

The YUV color **209.7260, -61.4899, 29.1813** is a light color, and the websafe version is hex **CCCC33**. The color can be described as light muted yellow. A complement of this color would be **118.2740, 61.4899, -29.1813**, and the grayscale version is **210.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **241.8900, -50.2318, 11.4975**, and **152.5470, -63.3737, 26.7073** is the 20% darker color. If you saturate the color by 10%, you get **204.6420, -70.8155, 33.6400**, and if you desaturate by 10%, it is **214.8100, -52.1643, 24.7226**.

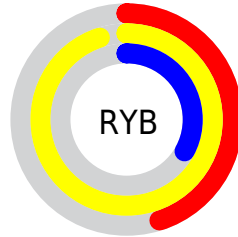
Distribution



Red (95%)

Green (85%)

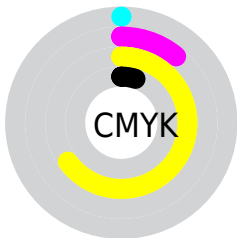
Blue (33%)



Red (45%)

Yellow (95%)

Blue (33%)

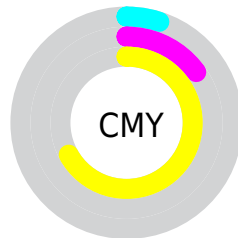


Cyan (0%)

Magenta (11%)

Yellow (65%)

Black (5%)



Cyan (5%)

Magenta (15%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YUV color 209.7260, -61.4899, 29.1813 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 209.7260, -61.4899, 29.1813 by changing the saturation by 10% instead.

■ 209.7260,
-61.4899, 29.1813

■ 209.7260,
-61.4899, 29.1813

255.0000, 0.0000,
0.0000

■ 181.1280,
-61.1951, 27.9517

■ 241.8900,
-50.2318, 11.4975

■ 152.5470,
-63.3737, 26.7073

■ 245.0820,
-38.0014, 8.6981

■ 125.8780,
-62.0579, 24.6630

■ 248.3880,
-25.3343, 5.7987

■ 102.8310,
-50.6957, 20.3192

■ 251.5800,
-13.1039, 2.9993

■ 80.6700, -39.7703,
16.0754

■ 58.7970, -28.9869,
10.7020

■ 38.6960, -19.0771,

5.5286

■ 19.4810, -9.6041,
0.4552

■ 0.0000, 0.0000,
0.0000

■ 209.7260,
-61.4899, 29.1813

■ 209.7260,
-61.4899, 29.1813

■ 204.6420,
-70.8155, 33.6400

■ 214.8100,
-52.1643, 24.7226

■ 199.4440,
-80.5779, 38.1986

■ 220.0080,
-42.4019, 20.1640

■ 194.3600,
-89.9035, 42.6573

■ 225.0920,
-33.0764, 15.7053

■ 191.8180,
-94.5663, 44.8866

■ 230.1760,
-23.7508, 11.2466

■ 235.2600,
-14.4252, 6.7880

■ 240.4580, -4.6628,
2.2293

■ 245.5420, 4.6628,
-2.2293

■ 247.8900, 3.5052,
-4.2885

■ 250.2380, 2.3477,
-6.3477

Harmonies

Analogous

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



201.7510, -49.1772, 46.6994



209.7260, -61.4899, 29.1813



202.7070, -46.1976, -22.5450

Triad

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



209.7260, -61.4899, 29.1813



173.4720, 40.1933, -152.1349



206.2790, 24.0195, 42.7283

Complementary

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



209.7260, -61.4899, 29.1813



118.2740, 61.4899, -29.1813

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.



214.0880, 20.1696, 17.4628



209.7260, -61.4899, 29.1813



168.7760, 42.5084, -148.0166

Square

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



209.7260, -61.4899, 29.1813



171.3400, 26.9474, -150.2652



193.1930, 30.4709, -66.8213



195.1650, 6.8207, 52.4753

Rectangle

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



209.7260, -61.4899, 29.1813



194.7200, -25.9910, -63.7754



193.1930, 30.4709, -66.8213



210.9750, 21.7043, 38.6099

Sweetspot

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



209.7260, -61.4899, 29.1813



244.4900, -19.9616, 9.2173



135.2060, -11.9336, 94.5353



120.9440, -11.8044, 6.1881



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.



209.7260, -61.4899, 29.1813



212.9430, -77.3729, 36.8840



209.1410, -61.2015, -16.7867



119.4580, -4.6628, 2.2293



147.1860, -72.5627, 34.0399



46.4040, -22.8772, 11.0467

Inverse Universe

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



118.2740, 61.4899, -29.1813



98.0570, 77.3729, -36.8840



118.8590, 61.2015, 16.7867



112.5420, 4.6628, -2.2293



39.4010, 72.2733, -34.5547



12.5960, 22.8772, -11.0467

Previews

White Background



This preview shows how the YUV color 209.7260, -61.4899, 29.1813 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 209.7260, -61.4899, 29.1813 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

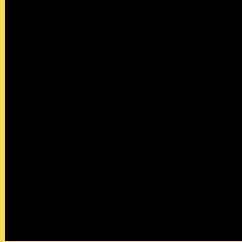
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 209.7260, -61.4899, 29.1813

Background



This preview shows how black text looks on a background with the YUV color 209.7260, -61.4899, 29.1813.

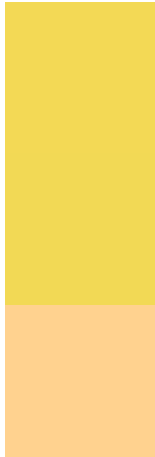


This preview shows how white text looks on a background with the YUV color 209.7260, -61.4899, 29.1813.

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

209.7260, -61.4899, 29.1813

Protanopia

209.4270, -61.3425, 28.5665

Deuteranopia

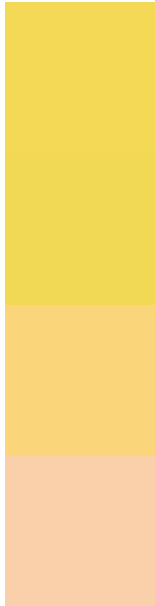
215.8170, -35.8988, 34.3635



Tritanopia

220.0730, -0.5290, 29.7540

Trichromacy



Original Color

209.7260, -61.4899, 29.1813

Protanomaly

209.4270, -61.3425, 28.5665

Deuteranomaly

213.9880, -45.3501, 32.4595

Tritanomaly

216.2260, -22.7894, 29.6198

Monochromacy



Original Color

209.7260, -61.4899, 29.1813

Achromatopsia

210.0000, 0.0000, 0.0000

Achromatomaly

210.2190, -22.2930, 10.3319

CSS Examples

Text

The CSS property to change the color of the text to YUV 209.7260, -61.4899, 29.1813 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(243, 217, 85)` looks like.

```
.text, #text, p{  
    color:rgb(243, 217, 85)  
}
```

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(243, 217, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 217, 85) }
```

Border

The CSS property to change the border of an element to YUV 209.7260, -61.4899, 29.1813 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(243, 217, 85) }
```


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

```
.border{ border-color:rgb(243, 217, 85) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 217, 85)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 217, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 217, 85);  
box-shadow:4px 4px 4px 4px rgb(243, 217,  
85) }
```

Background

The CSS property to change the background color of an element to YUV 209.7260, -61.4899, 29.1813 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 217, 85) }
```

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

```
.background{ background-color: rgb(243,  
217, 85) }
```

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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