

Converting Colors

YUV(204.6960, -93.0271,
17.8066)

Have a look what the booklet for
YUV(204.6960, -93.0271, 17.8066)
contains.

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Color

**YUV(204.6960, -93.0271,
17.8066)**

Conversions

Conversions Part 1

Format	Color
Hex	E1E710
RGB	225, 231, 16
RGB Percent	88%, 91%, 6%
CMY	0.1176, 0.0941, 0.9373
CMYK	0.03, 0.00, 0.93, 0.09
HSL	62°, 87%, 48%
HSV	62°, 93%, 91%
XYZ	59.7208, 73.1968, 11.4710
YIQ	204.6960, 65.4390, -68.1370

Conversions

Conversions Part 2

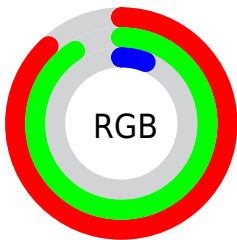
Format	Color
R _Y B	16, 231, 22
Decimal	14804752
CIE Lab	88.54, -22.36, 85.78
CIE LCh	89, 88.651, 104.608
Yxy	73.1968, 0.4136, 0.5069
Android (android.graphics.Color)	4292994832 (0xFFE1E710)
YUV	204.6960, -93.0271, 17.8066
Hunter-Lab	85.5551, -25.1216, 51.9392

Details

The YUV color **204.6960, -93.0271, 17.8066** is a light color, and the websafe version is hex **FFFF33**. The color can be described as light washed yellow. A complement of this color would be **42.3040, 93.0271, -17.8066**, and the grayscale version is **206.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **236.7600, -69.8877, 15.9965**, and **152.6470, -75.2550, 10.8336** is the 20% darker color. If you saturate the color by 10%, you get **202.8720, -100.0159, 19.4063**, and if you desaturate by 10%, it is **207.6170, -83.1282, 16.1219**.

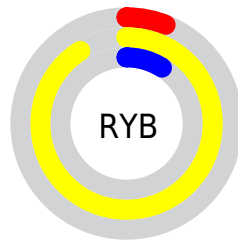
Distribution



Red (88%)

Green (91%)

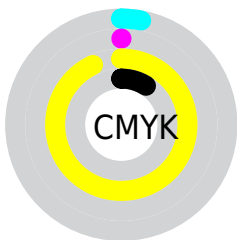
Blue (6%)



Red (6%)

Yellow (91%)

Blue (9%)

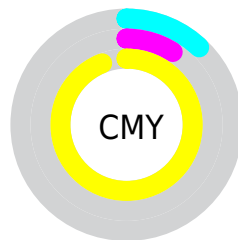


Cyan (3%)

Magenta (0%)

Yellow (93%)

Black (9%)



Cyan (12%)

Magenta (9%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the YUV color 204.6960, -93.0271, 17.8066 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 204.6960, -93.0271, 17.8066 by changing the saturation by 10% instead.

204.6960,
-93.0271, 17.8066

204.6960,
-93.0271, 17.8066

255.0000, 0.0000,
0.0000

177.4660,
-87.4907, 15.3773

236.7600,
-69.8877, 15.9965

152.6470,
-75.2550, 10.8336

240.1800,
-56.7837, 12.9971

128.1270,
-63.1666, 6.9046

243.4860,
-44.1166, 10.0978

104.1940,
-51.3676, 2.4609

246.9060,
-31.0127, 7.0984

81.7340, -40.2949,
-2.3977

250.3260,
-17.9087, 4.0991

59.2740, -29.2221,
-7.2563

253.7460, -4.8048,

37.7000, -18.5861,

1.0998

-12.0149

■ 18.7840, -9.2605,
-16.4736

■ 0.0000, 0.0000,
0.0000

■ 204.6960,
-93.0271, 17.8066

■ 204.6960,
-93.0271, 17.8066

■ 202.8720,
-100.0159, 19.4063

■ 207.6170,
-83.1282, 16.1219

■ 210.2390,
-73.0818, 13.8224

■ 213.1600,
-63.1829, 12.1377

■ 216.0810,
-53.2839, 10.4530

■ 218.8170,
-42.8008, 8.0535

■ 221.7380,
-32.9018, 6.3688

■ 224.6590,
-23.0029, 4.6841

■ 227.2810,
-12.9565, 2.3846

■ 230.2020, -3.0576,
0.6998

Harmonies

Analogous

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



199.0370, -79.8842, 49.0796



204.6960, -93.0271, 17.8066



194.3250, -50.4462, -59.9210

Triad

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



204.6960, -93.0271, 17.8066



178.7550, 37.5888, -156.7681



191.0170, 31.5436, 56.1131

Complementary

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



204.6960, -93.0271, 17.8066



42.3040, 93.0271, -17.8066

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.



211.5620, 21.4149, 38.0951



204.6960, -93.0271, 17.8066



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.



204.6960, -93.0271, 17.8066



178.7550, 37.5888, -156.7681



194.4110, 29.8704, -60.8734



178.9280, 2.9935, 66.7151

Rectangle

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



204.6960, -93.0271, 17.8066



166.3290, -10.0222, -145.8705



194.4110, 29.8704, -60.8734



196.8870, 28.6497, 50.9651

Sweetspot

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



204.6960, -93.0271, 17.8066



246.3080, -30.7178, 5.8689



82.6330, -32.8501, 130.1179



122.3860, -18.9243, 3.1695



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.



204.6960, -93.0271, 17.8066



223.8370, -110.3516, 21.1910



173.3010, -77.5494, -46.7450



113.3330, -5.0942, 0.5850



157.0990, -77.4498, 14.8222



44.8870, -22.1293, 4.4841

Inverse Universe

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



42.3040, 93.0271, -17.8066



31.1630, 110.3516, -21.1910



73.6990, 77.5494, 46.7450



104.6670, 5.0942, -0.5850



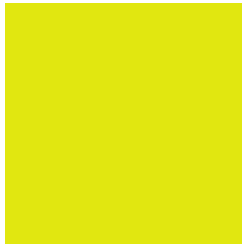
21.9010, 77.4498, -14.8222



6.1130, 22.1293, -4.4841

Previews

White Background



This preview shows how the YUV color 204.6960, -93.0271, 17.8066 looks on a white background.

Color Contrast Check

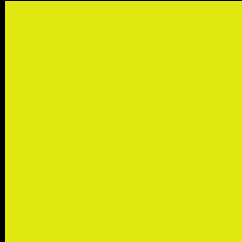
Large Text (above 18pt) WCAG AA × Fail

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 204.6960, -93.0271, 17.8066 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 204.6960, -93.0271, 17.8066

Background



This preview shows how black text looks on a background with the YUV color 204.6960, -93.0271, 17.8066.

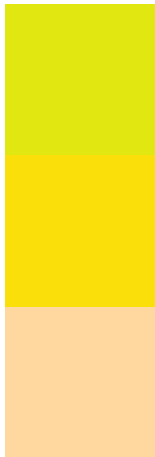


This preview shows how white text looks on a background with the YUV color 204.6960, -93.0271,

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

204.6960, -93.0271, 17.8066

Protanopia

206.7910, -97.0180, 37.8943

Deuteranopia

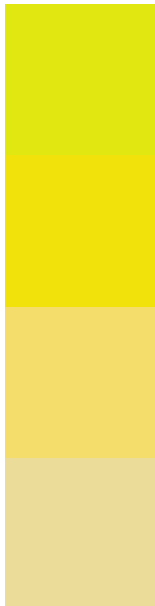
221.1630, -30.6464, 29.6750



Tritanopia

224.7120, 3.5930, 14.2846

Trichromacy



Original Color

204.6960, -93.0271, 17.8066

Protanomaly

206.0890, -95.6859, 30.6169

Deuteranomaly

214.8810, -53.1853, 25.5374

Tritanomaly

217.4340, -31.7660, 15.4054

Monochromacy



Original Color

204.6960, -93.0271, 17.8066

Achromatopsia

205.0000, 0.0000, 0.0000

Achromatomaly

204.5100, -33.7754, 6.5687

CSS Examples

Text

The CSS property to change the color of the text to YUV 204.6960, -93.0271, 17.8066 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(225, 231, 16)` looks like.

```
.text, #text, p{  
    color:rgb(225, 231, 16)  
}
```

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(225, 231, 16) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 231, 16) }
```

Border

The CSS property to change the border of an element to YUV 204.6960, -93.0271, 17.8066 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(225, 231, 16) }
```


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

```
.border{ border-color:rgb(225, 231, 16) }
```

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

Here you see how a box with a 4 pixel rgb(225, 231, 16) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 231, 16); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 231, 16);  
box-shadow:4px 4px 4px 4px rgb(225, 231,  
16) }
```

Background

The CSS property to change the background color of an element to YUV 204.6960, -93.0271, 17.8066 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 231, 16) }
```

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

```
.background{ background-color: rgb(225,  
231, 16) }
```

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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