

Converting Colors

YUV(204.4960, -76.1665,
23.2440)

Have a look what the booklet for
YUV(204.4960, -76.1665, 23.2440)
contains.

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Color

**YUV(204.4960, -76.1665,
23.2440)**

Conversions

Conversions Part 1

Format	Color
Hex	E7DD32
RGB	231, 221, 50
RGB Percent	91%, 87%, 20%
CMY	0.0941, 0.1333, 0.8039
CMYK	0.00, 0.04, 0.78, 0.09
HSL	57°, 79%, 55%
HSV	57°, 78%, 91%
XYZ	59.3872, 68.9321, 13.1928
YIQ	204.4960, 60.8510, -51.0610

Conversions

Conversions Part 2

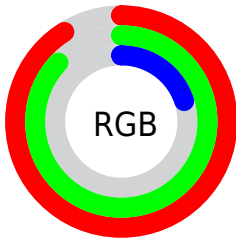
Format	Color
RYB	61, 231, 50
Decimal	15195442
CIELab	86.47, -14.23, 77.71
CIELCh	86, 78.999, 100.377
Yxy	68.9321, 0.4197, 0.4871
Android (android.graphics.Color)	4293385522 (0xFFE7DD32)
YUV	204.4960, -76.1665, 23.2440
Hunter-Lab	83.0254, -17.6152, 48.6965

Details

The YUV color **204.4960, -76.1665, 23.2440** 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 **76.5040, 76.1665, -23.2440**, and the grayscale version is **205.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **238.5840, -62.8989, 14.3968**, and **148.5710, -73.2455, 19.6702** is the 20% darker color. If you saturate the color by 10%, you get **201.2870, -85.9235, 26.0583**, and if you desaturate by 10%, it is **207.7050, -66.4096, 20.4297**.

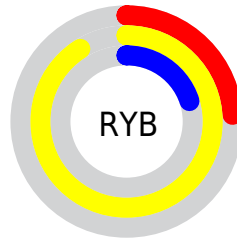
Distribution



Red (91%)

Green (87%)

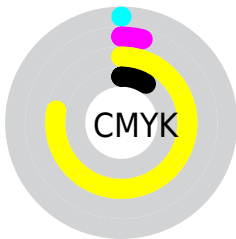
Blue (20%)



Red (24%)

Yellow (91%)

Blue (20%)

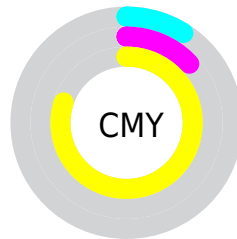


Cyan (0%)

Magenta (4%)

Yellow (78%)

Black (9%)



Cyan (9%)

Magenta (13%)

Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the YUV color 204.4960, -76.1665, 23.2440 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 204.4960, -76.1665, 23.2440 by changing the saturation by 10% instead.

204.4960,
-76.1665, 23.2440

204.4960,
-76.1665, 23.2440

255.0000, 0.0000,
0.0000

173.3900,
-85.4813, 24.2140

238.5840,
-62.8989, 14.3968

148.5710,
-73.2455, 19.6702

241.8900,
-50.2318, 11.4975

124.6380,
-61.4465, 15.2265

245.1960,
-37.5646, 8.5981

101.5910,
-50.0844, 10.8827

248.5020,
-24.8975, 5.6987

79.1310, -39.0116,
6.0241

251.8080,
-12.2303, 2.7994

56.9700, -28.0862,
1.7803

36.2820, -17.8870,

-2.8783

■ 15.2620, -7.5242,
-13.3848

■ 0.0000, 0.0000,
0.0000

■ 204.4960,
-76.1665, 23.2440

■ 204.4960,
-76.1665, 23.2440

■ 201.2870,
-85.9235, 26.0583

■ 207.7050,
-66.4096, 20.4297

■ 197.4910,
-95.3911, 29.3874

■ 211.5010,
-56.9420, 17.1006

■ 197.0350,
-97.1383, 29.7873

■ 214.7100,
-47.1850, 14.2863

■ 217.9190,
-37.4281, 11.4720

■ 221.2420,
-27.2343, 8.5578

■ 225.0380,
-17.7667, 5.2287

■ 228.2470, -8.0098,
2.4144

■ 231.4560, 1.7472,
-0.3999

■ 234.3230, 10.1938,
-2.9143

Harmonies

Analogous

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



198.3480, -64.7546, 49.6838



204.4960, -76.1665, 23.2440



195.5600, -50.0691, -40.8331

Triad

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



204.4960, -76.1665, 23.2440



175.2330, 39.3251, -153.6793



196.3000, 28.9391, 51.4799

Complementary

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



204.4960, -76.1665, 23.2440



76.5040, 76.1665, -23.2440

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.



213.6110, 20.4048, 35.4212



204.4960, -76.1665, 23.2440



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.



204.4960, -76.1665, 23.2440



175.3980, 32.3418, -153.8240



189.0510, 32.5129, -68.4507



183.3620, 4.7515, 62.8265

Rectangle

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



204.4960, -76.1665, 23.2440



177.5900, -19.0249, -104.8804



189.0510, 32.5129, -68.4507



201.5830, 26.3346, 46.8467

Sweetspot

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



204.4960, -76.1665, 23.2440



246.2850, -25.7765, 7.6431



105.4870, -21.4391, 110.0749



122.0210, -15.2934, 5.2436



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.



204.4960, -76.1665, 23.2440



220.0090, -101.0694, 30.6871



187.0440, -67.5627, -29.8566



113.0450, -4.9522, 1.7145



152.7240, -75.2929, 23.0441



43.4250, -21.4085, 6.6433

Inverse Universe

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



76.5040, 76.1665, -23.2440



50.5780, 100.7800, -31.2019



93.9560, 67.5627, 29.8566



104.9550, 4.9522, -1.7145



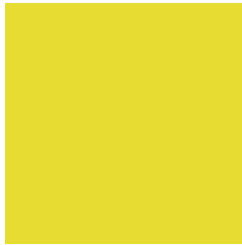
26.2760, 75.2929, -23.0441



7.5750, 21.4085, -6.6433

Previews

White Background



This preview shows how the YUV color 204.4960, -76.1665, 23.2440 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 204.4960, -76.1665, 23.2440 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 204.4960, -76.1665, 23.2440 Background



This preview shows how black text looks on a background with the YUV color 204.4960, -76.1665, 23.2440.

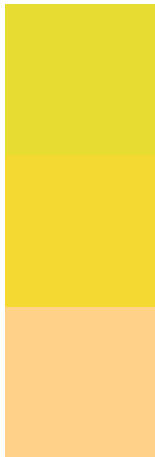


This preview shows how white text looks on a background with the YUV color 204.4960, -76.1665, 23.2440.

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

204.4960, -76.1665, 23.2440

Protanopia

205.6220, -77.2146, 32.7805

Deuteranopia

214.5460, -38.2302, 35.4782



Tritanopia

219.1860, 1.3873, 21.7619

Trichromacy



Original Color

204.4960, -76.1665, 23.2440

Protanomaly

205.0130, -76.9144, 29.8066

Deuteranomaly

210.5550, -52.0386, 31.0853

Tritanomaly

213.4440, -26.8409, 22.4126

Monochromacy



Original Color

204.4960, -76.1665, 23.2440

Achromatopsia

204.0000, 0.0000, 0.0000

Achromatomaly

204.1280, -27.6711, 8.6577

CSS Examples

Text

The CSS property to change the color of the text to YUV 204.4960, -76.1665, 23.2440 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(231, 221, 50)` looks like.

```
.text, #text, p{  
    color:rgb(231, 221, 50)  
}
```

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(231, 221, 50) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 221, 50) }
```

Border

The CSS property to change the border of an element to YUV 204.4960, -76.1665, 23.2440 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(231, 221, 50) }
```


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

```
.border{ border-color:rgb(231, 221, 50) }
```

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

Here you see how a box with a 4 pixel rgb(231, 221, 50) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 221, 50); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 221, 50);  
box-shadow:4px 4px 4px 4px rgb(231, 221,  
50) }
```

Background

The CSS property to change the background color of an element to YUV 204.4960, -76.1665, 23.2440 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 221, 50) }
```

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

```
.background{ background-color: rgb(231,  
221, 50) }
```

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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