

Converting Colors

YUV(202.1510, -99.6604,
45.4716)

Have a look what the booklet for
YUV(202.1510, -99.6604, 45.4716)
contains.

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Color

**YUV(202.1510, -99.6604,
45.4716)**

Conversions

Conversions Part 1

Format	Color
Hex	FED700
RGB	254, 215, 0
RGB Percent	100%, 84%, 0%
CMY	0.0039, 0.1569, 1.0000
CMYK	0.00, 0.15, 1.00, 0.00
HSL	51°, 100%, 50%
HSV	51°, 100%, 100%
XYZ	65.1735, 69.6717, 10.0130
YIQ	202.1510, 92.2590, -58.5970

Conversions

Conversions Part 2

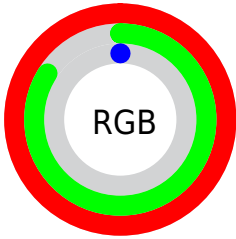
Format	Color
RYB	46, 254, 0
Decimal	16701184
CIELab	86.84, -2.35, 87.03
CIELCh	87, 87.060, 91.546
Yxy	69.6717, 0.4499, 0.4810
Android (android.graphics.Color)	4294891264 (0xFFFE700)
YUV	202.1510, -99.6604, 45.4716
Hunter-Lab	83.4696, -6.6980, 51.3163

Details

The YUV color **202.1510, -99.6604, 45.4716** is a light color, and the websafe version is hex **FFCC00**. The color can be described as light saturated yellow. A complement of this color would be **51.8490, 99.6604, -45.4716**, and the grayscale version is **203.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **236.0760, -72.5085, 16.5963**, and **151.9150, -74.8941, 35.1545** is the 20% darker color. If you saturate the color by 10%, you get **202.1510, -99.6604, 45.4716**, and if you desaturate by 10%, it is **207.3490, -89.8981, 40.9129**.

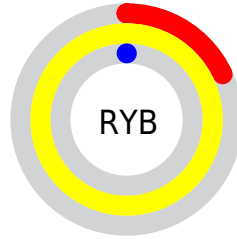
Distribution



Red (100%)

Green (84%)

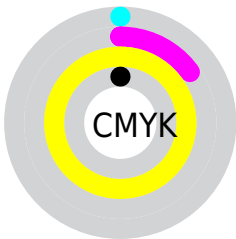
Blue (0%)



Red (18%)

Yellow (100%)

Blue (0%)

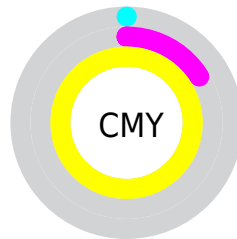


Cyan (0%)

Magenta (15%)

Yellow (100%)

Black (0%)



Cyan (0%)


Magenta (16%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the YUV color 202.1510, -99.6604, 45.4716 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 202.1510, -99.6604, 45.4716 by changing the saturation by 10% instead.


 202.1510,
-99.6604, 45.4716


 202.1510,
-99.6604, 45.4716


255.0000, 0.0000,
0.0000


 177.0330,
-87.2773, 40.3131

 236.0760,
-72.5085, 16.5963

 151.9150,
-74.8941, 35.1545


 239.4960,
-59.4045, 13.5970

 127.6830,
-62.9477, 30.0960


 242.8020,
-46.7374, 10.6976

 104.0380,
-51.2907, 24.5227

 246.2220,
-33.6334, 7.6983

 81.2790, -40.0705,
19.0493

 249.5280,
-20.9663, 4.7989

 59.7050, -29.4346,
14.2907

 252.9480, -7.8624,

 39.6040, -19.5248,

1.7996

9.1173

■ 20.3890, -10.0518,
4.0438

■ 0.0000, 0.0000,
0.0000

■ 202.1510,
-99.6604, 45.4716

■ 207.3490,
-89.8981, 40.9129

■ 212.6610,
-79.6989, 36.2543

■ 217.8590,
-69.9365, 31.6957

■ 223.1710,
-59.7373, 27.0370

■ 228.3690,
-49.9749, 22.4784

■ 232.9800,
-39.9231, 18.4345

■ 238.2920,
-29.7240, 13.7759

■ 243.4900,
-19.9616, 9.2173

■ 248.8020, -9.7624,
4.5586

Harmonies

Analogous

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



191.0760, -62.1555, 56.0613



202.1510, -99.6604, 45.4716



196.8600, -68.4580, -22.6792

Triad

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



202.1510, -99.6604, 45.4716



178.7550, 37.5888, -156.7681



196.8870, 28.6497, 50.9651

Complementary

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



202.1510, -99.6604, 45.4716



51.8490, 99.6604, -45.4716

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.



208.7390, 22.8067, 11.6299



202.1510, -99.6604, 45.4716



173.4720, 40.1933, -152.1349

Square

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



202.1510, -99.6604, 45.4716



174.6510, 21.8641, -153.1689



161.7320, 45.9811, -141.8390



179.6410, 18.4180, 66.0898

Rectangle

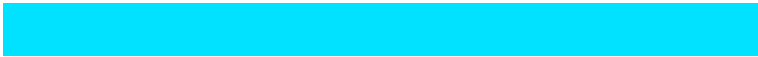
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



202.1510, -99.6604, 45.4716



184.2110, -37.5720, -82.6230



161.7320, 45.9811, -141.8390



203.9310, 25.1770, 44.7875

Sweetspot

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



202.1510, -99.6604, 45.4716



239.2920, -29.7240, 13.7759



80.7340, -19.0959, 151.9543



118.0600, -17.7776, 8.7174



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.



202.1510, -99.6604, 45.4716



203.0370, -100.0972, 45.5716



199.6290, -98.4171, -26.8616



125.3440, -5.0996, 2.3293



152.2030, -75.0361, 34.0250



50.8340, -25.0612, 11.5466

Inverse Universe

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



51.8490, 99.6604, -45.4716



51.9630, 100.0972, -45.5716



54.3710, 98.4171, 26.8616



117.6560, 5.0996, -2.3293



38.7970, 75.0361, -34.0250



13.1660, 25.0612, -11.5466

Previews

White Background



This preview shows how the YUV color 202.1510, -99.6604, 45.4716 looks on a white background.

Color Contrast Check

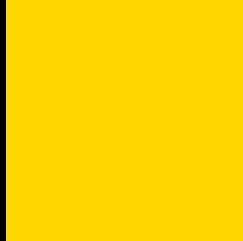
Large Text (above 18pt) WCAG AA × Fail

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 202.1510, -99.6604, 45.4716 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 202.1510, -99.6604, 45.4716

Background



This preview shows how black text looks on a background with the YUV color 202.1510, -99.6604, 45.4716.



This preview shows how white text looks on a background with the YUV color 202.1510, -99.6604,

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

202.1510, -99.6604, 45.4716

Protanopia

202.4320, -95.8550, 38.2091

Deuteranopia

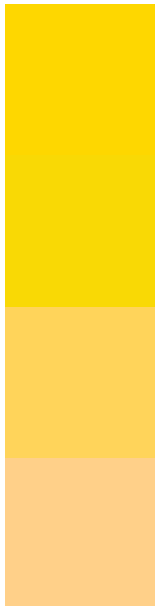
216.1760, -37.0618, 34.0486



Tritanopia

220.6170, -2.2762, 30.1539

Trichromacy



Original Color

202.1510, -99.6604, 45.4716

Protanomaly

202.4000, -97.3182, 40.8682

Deuteranomaly

210.9490, -59.6279, 38.6327

Tritanomaly

213.9590, -37.9408, 35.9930

Monochromacy



Original Color

202.1510, -99.6604, 45.4716

Achromatopsia

202.0000, 0.0000, 0.0000

Achromatomaly

202.2940, -36.1339, 16.4052

CSS Examples

Text

The CSS property to change the color of the text to YUV 202.1510, -99.6604, 45.4716 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(254, 215, 0)` looks like.

```
.text, #text, p{  
    color:rgb(254, 215, 0)  
}
```

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(254, 215, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 215, 0) }
```

Border

The CSS property to change the border of an element to YUV 202.1510, -99.6604, 45.4716 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(254, 215, 0) }
```


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

```
.border{ border-color:rgb(254, 215, 0) }
```

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

Here you see how a box with a 4 pixel rgb(254, 215, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 215, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 215, 0);  
box-shadow:4px 4px 4px 4px rgb(254, 215,  
0) }
```

Background

The CSS property to change the background color of an element to YUV 202.1510, -99.6604, 45.4716 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 215, 0) }
```

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

```
.background{ background-color: rgb(254,  
215, 0) }
```

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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