

Converting Colors

YUV(203.0030, -95.1505,
45.6014)

Have a look what the booklet for
YUV(203.0030, -95.1505, 45.6014)
contains.

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Color

**YUV(203.0030, -95.1505,
45.6014)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD60A
RGB	255, 214, 10
RGB Percent	100%, 84%, 4%
CMY	0.0000, 0.1608, 0.9608
CMYK	0.00, 0.16, 0.96, 0.00
HSL	50°, 100%, 52%
HSV	50°, 96%, 100%
XYZ	65.3414, 69.3750, 10.2340
YIQ	203.0030, 89.9200, -54.7520

Conversions

Conversions Part 2

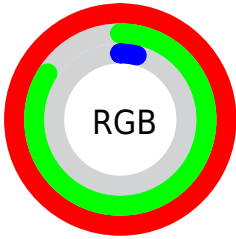
Format	Color
R_{YB}	59, 255, 10
Decimal	16766474
CIE _{Lab}	86.69, -1.34, 86.12
CIE _{LCh}	87, 86.127, 90.892
Yxy	69.3750, 0.4508, 0.4786
Android (android.graphics.Color)	4294956554 (0xFFFFD60A)
YUV	203.0030, -95.1505, 45.6014
Hunter-Lab	83.2917, -5.7293, 51.0192

Details

The YUV color **203.0030, -95.1505, 45.6014** 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 **61.9970, 95.1505, -45.6014**, and the grayscale version is **204.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **236.3040, -71.6349, 16.3964**, and **151.6270, -74.7521, 36.2841** is the 20% darker color. If you saturate the color by 10%, you get **200.6890, -98.9397, 47.6307**, and if you desaturate by 10%, it is **208.2010, -85.3881, 41.0427**.

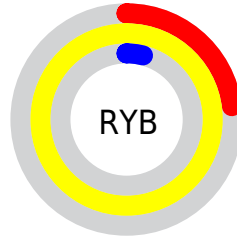
Distribution



Red (100%)

Green (84%)

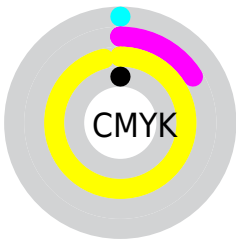
Blue (4%)



Red (23%)

Yellow (100%)

Blue (4%)

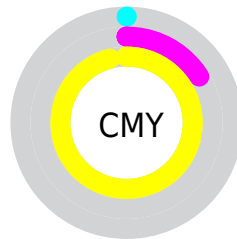


Cyan (0%)

Magenta (16%)

Yellow (96%)

Black (0%)



Cyan (0%)

Magenta (16%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the YUV color 203.0030, -95.1505, 45.6014 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 203.0030, -95.1505, 45.6014 by changing the saturation by 10% instead.

■ 203.0030,
-95.1505, 45.6014

■ 203.0030,
-95.1505, 45.6014

■ 255.0000, 0.0000,
0.0000

■ 176.7450,
-87.1353, 41.4426

■ 236.3040,
-71.6349, 16.3964

■ 151.6270,
-74.7521, 36.2841

■ 239.7240,
-58.5309, 13.3971

■ 127.3950,
-62.8057, 31.2256

■ 243.0300,
-45.8638, 10.4977

■ 103.7500,
-51.1487, 25.6522

■ 246.4500,
-32.7599, 7.4983

■ 80.9910, -39.9286,
20.1789

■ 249.7560,
-20.0927, 4.5990

■ 59.4170, -29.2926,
15.4203

■ 253.1760, -6.9888,

■ 39.3160, -19.3828,

1.5996

10.2469

■ 20.1010, -9.9098,
5.1734

■ 0.0000, 0.0000,
0.0000

■ 203.0030,
-95.1505, 45.6014

■ 203.0030,
-95.1505, 45.6014

■ 200.6890,
-98.9397, 47.6307

■ 208.2010,
-85.3881, 41.0427

■ 214.1000,
-75.4783, 35.8693

■ 219.4120,
-65.2791, 31.2107

■ 224.6100,
-55.5167, 26.6520

■ 229.9220,
-45.3175, 21.9934

■ 235.7070,
-35.8446, 16.9200

■ 241.0190,
-25.6454, 12.2613

■ 246.2170,
-15.8830, 7.7027

■ 251.5290, -5.6838,
3.0441

Harmonies

Analogous

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



190.8310, -60.5557, 56.2762



203.0030, -95.1505, 45.6014



196.9850, -68.0266, -21.0348

Triad

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



203.0030, -95.1505, 45.6014



178.1680, 37.8782, -156.2533



197.4740, 28.3603, 50.4503

Complementary

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



203.0030, -95.1505, 45.6014



61.9970, 95.1505, -45.6014

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.



208.1300, 23.1069, 8.6560



203.0030, -95.1505, 45.6014



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.



203.0030, -95.1505, 45.6014



174.4230, 20.9905, -152.9690



161.7320, 45.9811, -141.8390



180.3420, 18.5654, 65.4751

Rectangle

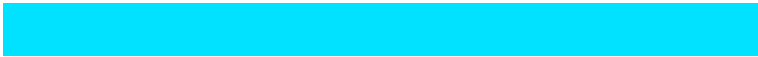
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



203.0030, -95.1505, 45.6014



185.3040, -38.6039, -78.3196



161.7320, 45.9811, -141.8390



204.5180, 24.8876, 44.2727

Sweetspot

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



203.0030, -95.1505, 45.6014



239.5200, -28.8504, 13.5760



88.3850, -16.4588, 146.1214



118.1740, -17.3408, 8.6174



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.



203.0030, -95.1505, 45.6014



200.6890, -98.9397, 47.6307



203.7480, -95.5178, -23.4580



124.7570, -4.8102, 2.8441



150.4420, -74.1679, 35.5694



50.2470, -24.7718, 12.0614

Inverse Universe

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



61.9970, 95.1505, -45.6014



54.3110, 98.9397, -47.6307



61.2520, 95.5178, 23.4580



117.6560, 5.0996, -2.3293



40.5580, 74.1679, -35.5694



13.7530, 24.7718, -12.0614

Previews

White Background



This preview shows how the YUV color 203.0030, -95.1505, 45.6014 looks on a white background.

Color Contrast Check

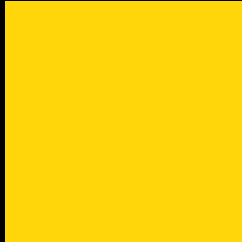
Large Text (above 18pt) WCAG AA × Fail

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 203.0030, -95.1505, 45.6014 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 203.0030, -95.1505, 45.6014

Background



This preview shows how black text looks on a background with the YUV color 203.0030, -95.1505, 45.6014.



This preview shows how white text looks on a background with the YUV color 203.0030, -95.1505, 45.6014.

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

203.0030, -95.1505, 45.6014

Protanopia

202.7030, -93.5236, 37.0945

Deuteranopia

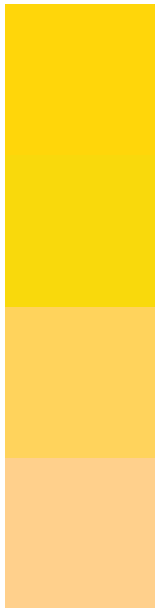
215.3610, -37.6460, 34.7634



Tritanopia

220.5030, -2.7130, 30.2539

Trichromacy



Original Color

203.0030, -95.1505, 45.6014

Protanomaly

203.1980, -94.2606, 40.1684

Deuteranomaly

210.5900, -58.4649, 38.9476

Tritanomaly

214.3010, -36.6304, 35.6930

Monochromacy



Original Color

203.0030, -95.1505, 45.6014

Achromatopsia

203.0000, 0.0000, 0.0000

Achromatomaly

203.0490, -34.5342, 16.6200

CSS Examples

Text

The CSS property to change the color of the text to YUV 203.0030, -95.1505, 45.6014 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(255, 214, 10)` looks like.

```
.text, #text, p{  
    color:rgb(255, 214, 10)  
}
```

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(255, 214, 10) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 214, 10) }
```

Border

The CSS property to change the border of an element to YUV 203.0030, -95.1505, 45.6014 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(255, 214, 10) }
```


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

```
.border{ border-color:rgb(255, 214, 10) }
```

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

Here you see how a box with a 4 pixel rgb(255, 214, 10) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 214, 10); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 214, 10);  
box-shadow:4px 4px 4px 4px rgb(255, 214,  
10) }
```

Background

The CSS property to change the background color of an element to YUV 203.0030, -95.1505, 45.6014 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 214, 10) }
```

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

```
.background{ background-color: rgb(255,  
214, 10) }
```

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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