

Converting Colors

YUV(204.0630, -96.1661,
44.6717)

Have a look what the booklet for
YUV(204.0630, -96.1661, 44.6717)
contains.

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Color

**YUV(204.0630, -96.1661,
44.6717)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD809
RGB	255, 216, 9
RGB Percent	100%, 85%, 4%
CMY	0.0000, 0.1529, 0.9647
CMYK	0.00, 0.15, 0.96, 0.00
HSL	50°, 100%, 52%
HSV	50°, 96%, 100%
XYZ	65.8452, 70.3915, 10.3749
YIQ	204.0630, 89.6910, -56.1090

Conversions

Conversions Part 2

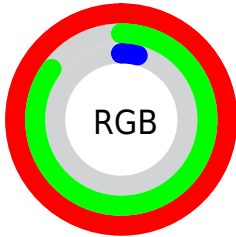
Format	Color
R_{YB}	55, 255, 9
Decimal	16766985
CIE _{Lab}	87.19, -2.36, 86.56
CIE _{LCh}	87, 86.594, 91.562
Yxy	70.3915, 0.4491, 0.4801
Android (android.graphics.Color)	4294957065 (0xFFFFD809)
YUV	204.0630, -96.1661, 44.6717
Hunter-Lab	83.8996, -6.7359, 51.3980

Details

The YUV color **204.0630, -96.1661, 44.6717** 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 **59.9370, 96.1661, -44.6717**, and the grayscale version is **205.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **236.3040, -71.6349, 16.3964**, and **152.8010, -75.3309, 35.2545** is the 20% darker color. If you saturate the color by 10%, you get **202.4500, -99.8078, 46.0864**, and if you desaturate by 10%, it is **209.2610, -86.4037, 40.1131**.

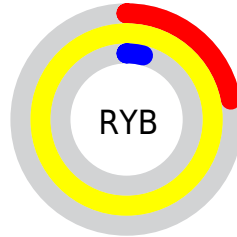
Distribution



Red (100%)

Green (85%)

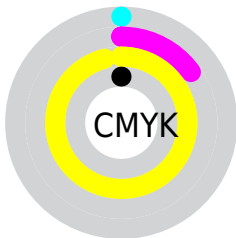
Blue (4%)



Red (22%)

Yellow (100%)

Blue (4%)

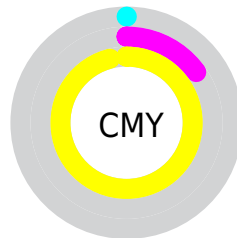


Cyan (0%)

Magenta (15%)

Yellow (96%)

Black (0%)



Cyan (0%)

Magenta (15%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the YUV color 204.0630, -96.1661, 44.6717 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 204.0630, -96.1661, 44.6717 by changing the saturation by 10% instead.

204.0630,
-96.1661, 44.6717

204.0630,
-96.1661, 44.6717

255.0000, 0.0000,
0.0000

177.3320,
-87.4247, 40.9278

236.3040,
-71.6349, 16.3964

152.8010,
-75.3309, 35.2545

239.7240,
-58.5309, 13.3971

128.5690,
-63.3845, 30.1960

243.1440,
-45.4270, 10.3977

105.2230,
-51.8749, 25.2374

246.4500,
-32.7599, 7.4983

82.1650, -40.5073,
19.1493

249.8700,
-19.6559, 4.4990

60.5910, -29.8714,
14.3907

253.1760, -6.9888,

39.9030, -19.6722,

1.5996

9.7321

■ 20.6880, -10.1992,
4.6586

■ 0.0000, 0.0000,
0.0000

■ 204.0630,
-96.1661, 44.6717

■ 204.0630,
-96.1661, 44.6717

■ 202.4500,
-99.8078, 46.0864

■ 209.2610,
-86.4037, 40.1131

■ 214.5730,
-76.2045, 35.4545

■ 219.8850,
-66.0053, 30.7959

■ 225.0830,
-56.2429, 26.2372

■ 230.3950,
-46.0437, 21.5786

■ 235.5930,
-36.2813, 17.0199

■ 240.9050,
-26.0822, 12.3613

■ 246.1030,
-16.3198, 7.8027

■ 251.4150, -6.1206,
3.1440

Harmonies

Analogous

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



191.8910, -61.5713, 55.3466



204.0630, -96.1661, 44.6717



197.9740, -68.0212, -22.7792

Triad

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



204.0630, -96.1661, 44.6717



178.7550, 37.5888, -156.7681



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.



204.0630, -96.1661, 44.6717



59.9370, 96.1661, -44.6717

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.



210.2120, 22.0805, 11.2151



204.0630, -96.1661, 44.6717



174.0590, 39.9039, -152.6497

Square

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



204.0630, -96.1661, 44.6717



174.7650, 22.3009, -153.2689



162.3190, 45.6917, -142.3538



180.9290, 18.2760, 64.9603

Rectangle

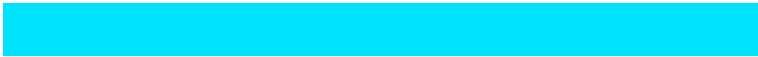
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



204.0630, -96.1661, 44.6717



185.5100, -37.7194, -82.0083



162.3190, 45.6917, -142.3538



204.5180, 24.8876, 44.2727

Sweetspot

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



204.0630, -96.1661, 44.6717



239.5200, -28.8504, 13.5760



87.2280, -18.3534, 147.1360



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.



204.0630, -96.1661, 44.6717



202.4500, -99.8078, 46.0864



202.4380, -95.3649, -25.8171



124.7570, -4.8102, 2.8441



151.6160, -74.7467, 34.5398



50.8340, -25.0612, 11.5466

Inverse Universe

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



59.9370, 96.1661, -44.6717



52.5500, 99.8078, -46.0863



61.5620, 95.3649, 25.8171



117.6560, 5.0996, -2.3293



39.3840, 74.7467, -34.5398



13.1660, 25.0612, -11.5466

Previews

White Background



This preview shows how the YUV color 204.0630, -96.1661, 44.6717 looks on a white background.

Color Contrast Check

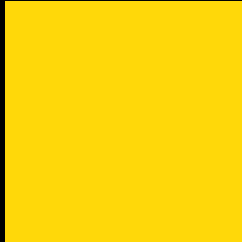
Large Text (above 18pt) WCAG AA × Fail

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 204.0630, -96.1661, 44.6717 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 204.0630, -96.1661, 44.6717

Background



This preview shows how black text looks on a background with the YUV color 204.0630, -96.1661, 44.6717.

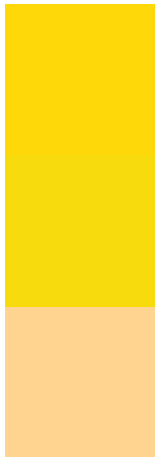


This preview shows how white text looks on a background with the YUV color 204.0630, -96.1661, 44.6717.

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

204.0630, -96.1661, 44.6717

Protanopia

203.7740, -94.5446, 37.9092

Deuteranopia

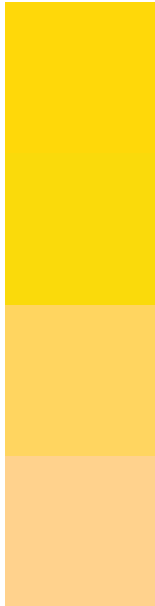
217.2190, -35.6040, 33.1339



Tritanopia

221.9050, -2.4182, 29.0243

Trichromacy



Original Color

204.0630, -96.1661, 44.6717

Protanomaly

203.9700, -95.1342, 40.3683

Deuteranomaly

212.2200, -57.2965, 37.5181

Tritanomaly

215.5890, -36.7724, 34.5634

Monochromacy



Original Color

204.0630, -96.1661, 44.6717

Achromatopsia

204.0000, 0.0000, 0.0000

Achromatomaly

203.9350, -34.9710, 16.7200

CSS Examples

Text

The CSS property to change the color of the text to YUV 204.0630, -96.1661, 44.6717 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, 216, 9)` looks like.

```
.text, #text, p{  
    color:rgb(255, 216, 9)  
}
```

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, 216, 9) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 216, 9) }
```

Border

The CSS property to change the border of an element to YUV 204.0630, -96.1661, 44.6717 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, 216, 9) }
```


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

```
.border{ border-color:rgb(255, 216, 9) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 216, 9)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 216, 9); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 216, 9);  
box-shadow:4px 4px 4px 4px rgb(255, 216,  
9) }
```

Background

The CSS property to change the background color of an element to YUV 204.0630, -96.1661, 44.6717 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 216, 9) }
```

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

```
.background{ background-color: rgb(255,  
216, 9) }
```

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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