

Converting Colors

YUV(204.1380, -73.0320,
44.6060)

Have a look what the booklet for
YUV(204.1380, -73.0320, 44.6060)
contains.

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Color

**YUV(204.1380, -73.0320,
44.6060)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | FFCF38 |
| RGB | 255, 207, 56 |
| RGB Percent | 100%, 81%, 22% |
| CMY | 0.0000, 0.1882, 0.7804 |
| CMYK | 0.00, 0.19, 0.78, 0.00 |
| HSL | 46°, 100%, 61% |
| HSV | 46°, 78%, 100% |
| XYZ | 64.2666, 66.1712, 13.1265 |
| YIQ | 204.1380, 77.0790, -36.7850 |

Conversions

Conversions Part 2

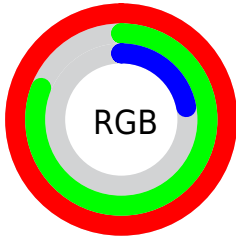
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 119, 255, 56 |
| Decimal | 16764728 |
| CIE Lab | 85.08, 3.15, 75.48 |
| CIE LCh | 85, 75.547, 87.612 |
| Yxy | 66.1712, 0.4477, 0.4609 |
| Android (android.graphics.Color) | 4294954808 (0xFFFFCF38) |
| YUV | 204.1380, -73.0320, 44.6060 |
| Hunter-Lab | 81.3457, -1.3321, 47.3745 |

Details

The YUV color **204.1380, -73.0320, 44.6060** is a light color, and the websafe version is hex **FFCC33**. The color can be described as light washed yellow. A complement of this color would be **106.8620, 73.0320, -44.6060**, and the grayscale version is **205.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **239.0400, -61.1517, 13.9969**, and **147.8170, -72.8738, 40.5025** is the 20% darker color. If you saturate the color by 10%, you get **197.6520, -82.6524, 50.2942**, and if you desaturate by 10%, it is **210.6240, -63.4116, 38.9178**.

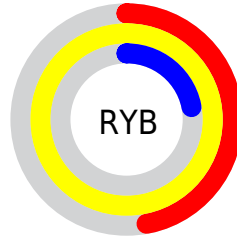
Distribution



Red (100%)

Green (81%)

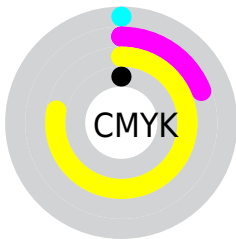
Blue (22%)



Red (47%)

Yellow (100%)

Blue (22%)

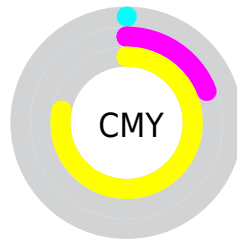


Cyan (0%)

Magenta (19%)

Yellow (78%)

Black (0%)



Cyan (0%)

Magenta (19%)

Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the YUV color 204.1380, -73.0320, 44.6060 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 204.1380, -73.0320, 44.6060 by changing the saturation by 10% instead.

204.1380,
-73.0320, 44.6060

204.1380,
-73.0320, 44.6060

255.0000, 0.0000,
0.0000

174.5740,
-77.6840, 43.3466

239.0400,
-61.1517, 13.9969

147.8170,
-72.8738, 40.5025

242.2320,
-48.9214, 11.1975

123.5850,
-60.9274, 35.4440

245.4240,
-36.6910, 8.3982

100.8260,
-49.7072, 29.9706

248.7300,
-24.0239, 5.4988

78.0670, -38.4870,
24.4972

252.1500,
-10.9200, 2.4994

56.1940, -27.7036,
19.1239

36.0930, -17.7938,

13.9504

■ 16.8780, -8.3209,
8.8770

■ 0.0000, 0.0000,
0.0000

■ 204.1380,
-73.0320, 44.6060

■ 204.1380,
-73.0320, 44.6060

■ 197.6520,
-82.6524, 50.2942

■ 210.6240,
-63.4116, 38.9178

■ 191.2800,
-91.8360, 55.8824

■ 216.9960,
-54.2280, 33.3295

■ 189.5360,
-93.4412, 57.4119

■ 223.3680,
-45.0444, 27.7413

■ 230.4410,
-35.7134, 21.5382

■ 236.8130,
-26.5298, 15.9500

■ 243.2990,
-16.9094, 10.2618

■ 249.7850, -7.2890,
4.5736

255.0000, 0.0000,
0.0000

Harmonies

Analogous

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



191.6920, -49.6412, 55.5211



204.1380, -73.0320, 44.6060



197.7010, -60.4916, -11.1388

Triad

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



204.1380, -73.0320, 44.6060



173.4720, 40.1933, -152.1349



202.7570, 25.7558, 45.8171

Complementary

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



204.1380, -73.0320, 44.6060



106.8620, 73.0320, -44.6060

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.



204.8190, 24.7392, -1.5953



204.1380, -73.0320, 44.6060



169.3630, 42.2190, -148.5314

Square

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



204.1380, -73.0320, 44.6060



167.6580, 17.9166, -147.0361



159.3840, 47.1387, -139.7798



187.1410, 16.6925, 59.5123

Rectangle

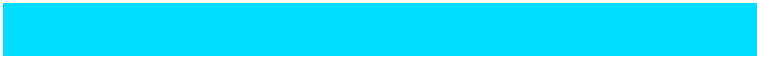
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



204.1380, -73.0320, 44.6060



189.1480, -38.5270, -56.2578



159.3840, 47.1387, -139.7798



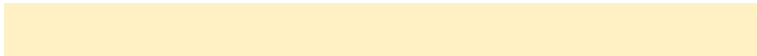
208.0400, 23.1513, 41.1839

Sweetspot

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



204.1380, -73.0320, 44.6060



240.0560, -21.7196, 13.1059



121.2010, -7.4941, 117.3417



118.6130, -13.1202, 8.2324



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.



204.1380, -73.0320, 44.6060



193.5940, -88.0468, 53.8531



217.3640, -79.5525, -10.8432



124.1700, -4.5208, 3.3589



142.2240, -70.1164, 42.7766



47.3120, -23.3248, 14.6354

Inverse Universe

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



106.8620, 73.0320, -44.6060



76.4060, 88.0468, -53.8531



93.6360, 79.5525, 10.8432



118.2430, 4.8102, -2.8441



48.7760, 70.1164, -42.7766



16.1010, 23.6142, -14.1206

Previews

White Background



This preview shows how the YUV color 204.1380, -73.0320, 44.6060 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 204.1380, -73.0320, 44.6060 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 204.1380, -73.0320, 44.6060

Background



This preview shows how black text looks on a background with the YUV color 204.1380, -73.0320, 44.6060.



This preview shows how white text looks on a background with the YUV color 204.1380, -73.0320,

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

204.1380, -73.0320, 44.6060

Protanopia

203.1040, -71.5363, 31.4808

Deuteranopia

210.3740, -44.0614, 39.1370



Tritanopia

216.2970, -3.5974, 33.9425

Trichromacy



Original Color

204.1380, -73.0320, 44.6060

Protanomaly

203.6100, -72.2787, 36.2990

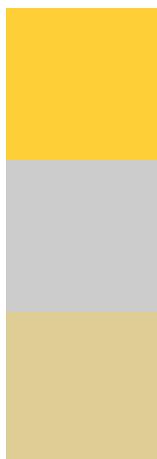
Deuteranomaly

208.2250, -54.8339, 41.0217

Tritanomaly

211.6740, -28.9263, 37.9969

Monochromacy



Original Color

204.1380, -73.0320, 44.6060

Achromatopsia

204.0000, 0.0000, 0.0000

Achromatomaly

204.1120, -26.6772, 16.5648

CSS Examples

Text

The CSS property to change the color of the text to YUV 204.1380, -73.0320, 44.6060 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, 207, 56)` looks like.

```
.text, #text, p{  
    color:rgb(255, 207, 56)  
}
```

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, 207, 56) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 207, 56) }
```

Border

The CSS property to change the border of an element to YUV 204.1380, -73.0320, 44.6060 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, 207, 56) }
```


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

```
.border{ border-color:rgb(255, 207, 56) }
```

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

Here you see how a box with a 4 pixel rgb(255, 207, 56) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 207, 56); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 207, 56);  
box-shadow:4px 4px 4px 4px rgb(255, 207,  
56) }
```

Background

The CSS property to change the background color of an element to YUV 204.1380, -73.0320, 44.6060 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 207, 56) }
```

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

```
.background{ background-color: rgb(255,  
207, 56) }
```

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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