

Converting Colors

YUV(200.5020, -75.1835,
34.6397)

Have a look what the booklet for
YUV(200.5020, -75.1835, 34.6397)
contains.

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Color

**YUV(200.5020, -75.1835,
34.6397)**

Conversions

Conversions Part 1

Format	Color
Hex	F0D230
RGB	240, 210, 48
RGB Percent	94%, 82%, 19%
CMY	0.0588, 0.1765, 0.8118
CMYK	0.00, 0.13, 0.80, 0.06
HSL	51°, 86%, 56%
HSV	51°, 80%, 94%
XYZ	59.5153, 64.8319, 12.1733
YIQ	200.5020, 69.8820, -44.0220

Conversions

Conversions Part 2

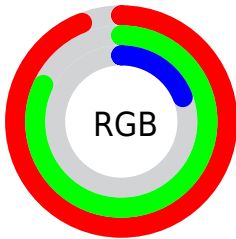
Format	Color
R _Y B	84, 240, 48
Decimal	15782448
CIE Lab	84.40, -4.99, 76.75
CIE LCh	84, 76.911, 93.717
Yxy	64.8319, 0.4359, 0.4749
Android (android.graphics.Color)	4293972528 (0xFFFF0D230)
YUV	200.5020, -75.1835, 34.6397
Hunter-Lab	80.5182, -8.9681, 47.3989

Details

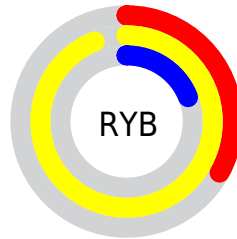
The YUV color **200.5020, -75.1835, 34.6397** is a light color, and the websafe version is hex **FFCC33**. The color can be described as light washed yellow. A complement of this color would be **87.4980, 75.1835, -34.6397**, and the grayscale version is **201.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **238.3560, -63.7725, 14.5968**, and **145.3920, -71.6783, 30.3512** is the 20% darker color. If you saturate the color by 10%, you get **195.4180, -84.5091, 39.0984**, and if you desaturate by 10%, it is **205.5860, -65.8579, 30.1811**.

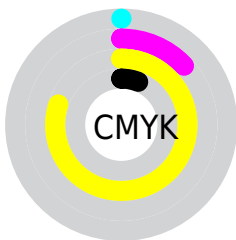
Distribution



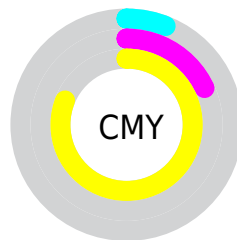
- Red (94%)
- Green (82%)
- Blue (19%)



- Red (33%)
- Yellow (94%)
- Blue (19%)



- Cyan (0%)
- Magenta (13%)
- Yellow (80%)
- Black (6%)



- Cyan (6%)
- Magenta (18%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the YUV color 200.5020, -75.1835, 34.6397 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 200.5020, -75.1835, 34.6397 by changing the saturation by 10% instead.

200.5020,
-75.1835, 34.6397

200.5020,
-75.1835, 34.6397

255.0000, 0.0000,
0.0000

170.2110,
-83.9140, 34.8950

238.3560,
-63.7725, 14.5968

145.3920,
-71.6783, 30.3512

241.5480,
-51.5422, 11.7974

121.1600,
-59.7319, 25.2927

244.8540,
-38.8750, 8.8980

98.1130, -48.3697,
20.9489

248.1600,
-26.2079, 5.9987

75.9410, -37.4389,
14.9607

251.4660,
-13.5407, 3.0993

54.3670, -26.8029,
10.2021

254.8860, -0.4368,

34.2660, -16.8931,

0.1000

5.0287

■ 14.1540, -6.9779,
-1.8891

■ 0.0000, 0.0000,
0.0000

■ 200.5020,
-75.1835, 34.6397

■ 200.5020,
-75.1835, 34.6397

■ 195.4180,
-84.5091, 39.0984

■ 205.5860,
-65.8579, 30.1811

■ 190.3340,
-93.8347, 43.5571

■ 210.0830,
-56.2429, 26.2372

■ 215.1670,
-46.9173, 21.7785

■ 220.2510,
-37.5917, 17.3199

■ 225.3350,
-28.2662, 12.8612

■ 229.8320,
-18.6512, 8.9173

■ 234.9160, -9.3256,
4.4587

■ 240.0000, 0.0000,
0.0000

■ 244.0580, 5.3944,
-3.5589

Harmonies

Analogous

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



192.4440, -56.9139, 54.8616



200.5020, -75.1835, 34.6397



192.8780, -55.6489, -24.4490

Triad

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



200.5020, -75.1835, 34.6397



172.2980, 40.7721, -151.1053



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.



200.5020, -75.1835, 34.6397



87.4980, 75.1835, -34.6397

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.



205.8150, 24.2482, 15.9482



200.5020, -75.1835, 34.6397



167.0150, 43.3766, -146.4722

Square

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



200.5020, -75.1835, 34.6397



168.6670, 24.3212, -147.9210



164.2340, 44.7476, -119.4772



182.9690, 10.8613, 63.1712

Rectangle

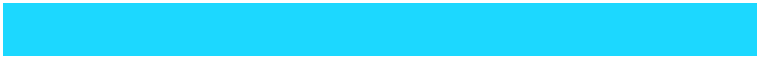
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



200.5020, -75.1835, 34.6397



182.0900, -30.6104, -75.5009



164.2340, 44.7476, -119.4772



202.7570, 25.7558, 45.8171

Sweetspot

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



200.5020, -75.1835, 34.6397



242.1760, -23.7508, 11.2466



109.0560, -14.3246, 114.8379



120.2600, -14.4252, 6.7880



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.



200.5020, -75.1835, 34.6397



204.7640, -96.0187, 44.0570



198.9760, -74.4312, -20.1500



117.4580, -4.6628, 2.2293



146.0010, -71.9785, 33.3251



44.3330, -21.8562, 10.2320

Inverse Universe

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



87.4980, 75.1835, -34.6397



60.2360, 96.0187, -44.0570



89.0240, 74.4312, 20.1500



110.5420, 4.6628, -2.2293



37.9990, 71.9785, -33.3251



11.6670, 21.8562, -10.2320

Previews

White Background



This preview shows how the YUV color 200.5020, -75.1835, 34.6397 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 200.5020, -75.1835, 34.6397 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 200.5020, -75.1835, 34.6397

Background



This preview shows how black text looks on a background with the YUV color 200.5020, -75.1835, 34.6397.



This preview shows how white text looks on a background with the YUV color 200.5020, -75.1835, 34.6397.

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

200.5020, -75.1835, 34.6397

Protanopia

200.1920, -75.0307, 32.2806

Deuteranopia

207.3590, -47.9980, 41.7812



Tritanopia

214.4540, -1.7028, 32.9278

Trichromacy



Original Color

200.5020, -75.1835, 34.6397

Protanomaly

200.4910, -75.1781, 32.8954

Deuteranomaly

205.0030, -58.1755, 39.4624

Tritanomaly

209.4670, -28.3312, 33.7934

Monochromacy



Original Color

200.5020, -75.1835, 34.6397

Achromatopsia

201.0000, 0.0000, 0.0000

Achromatomaly

200.5630, -27.3926, 12.6612

CSS Examples

Text

The CSS property to change the color of the text to YUV 200.5020, -75.1835, 34.6397 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(240, 210, 48)` looks like.

```
.text, #text, p{  
    color:rgb(240, 210, 48)  
}
```

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(240, 210, 48) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 210, 48) }
```

Border

The CSS property to change the border of an element to YUV 200.5020, -75.1835, 34.6397 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(240, 210, 48) }
```


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

```
.border{ border-color:rgb(240, 210, 48) }
```

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

Here you see how a box with a 4 pixel rgb(240, 210, 48) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 210, 48); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 210, 48);  
box-shadow:4px 4px 4px 4px rgb(240, 210,  
48) }
```

Background

The CSS property to change the background color of an element to YUV 200.5020, -75.1835, 34.6397 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 210, 48) }
```

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

```
.background{ background-color: rgb(240,  
210, 48) }
```

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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