

Converting Colors

YUV(200.7780, -67.4316,
-25.2383)

Have a look what the booklet for
YUV(200.7780, -67.4316, -25.2383)
contains.

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Color

**YUV(200.7780, -67.4316,
-25.2383)**

Conversions

Conversions Part 1

Format	Color
Hex	ACF240
RGB	172, 242, 64
RGB Percent	67%, 95%, 25%
CMY	0.3255, 0.0510, 0.7490
CMYK	0.29, 0.00, 0.74, 0.05
HSL	84°, 87%, 60%
HSV	84°, 74%, 95%
XYZ	49.6908, 72.6451, 16.2534
YIQ	200.7780, 15.4180, -70.1980

Conversions

Conversions Part 2

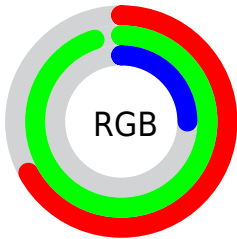
Format	Color
RYB	64, 242, 134
Decimal	11334208
CIELab	88.28, -46.68, 73.70
CIELCh	88, 87.237, 122.351
Yxy	72.6451, 0.3585, 0.5242
Android (android.graphics.Color)	4289524288 (0xFFACF240)
YUV	200.7780, -67.4316, -25.2383
Hunter-Lab	85.2321, -45.0896, 48.3561

Details

The YUV color **200.7780, -67.4316, -25.2383** is a light color, and the websafe version is hex **CCFF33**. The color can be described as light washed chartreuse. A complement of this color would be **105.2220, 67.4316, 25.2383**, and the grayscale version is **201.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **232.7760, -54.1196, -1.5576**, and **142.6810, -70.3417, -25.1532** is the 20% darker color. If you saturate the color by 10%, you get **195.0520, -76.4406, -28.9866**, and if you desaturate by 10%, it is **206.5040, -58.4225, -21.4900**.

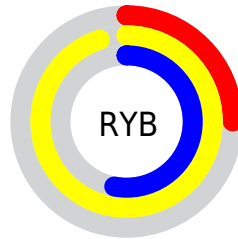
Distribution



Red (67%)

Green (95%)

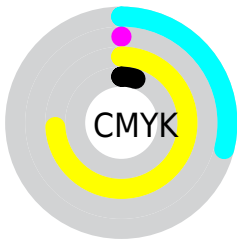
Blue (25%)



Red (25%)

Yellow (95%)

Blue (53%)

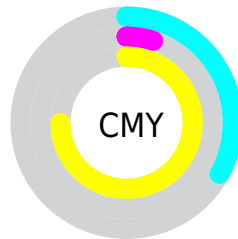


Cyan (29%)

Magenta (0%)

Yellow (74%)

Black (5%)



Cyan (33%)

Magenta (5%)

Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the YUV color 200.7780, -67.4316, -25.2383 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 200.7780, -67.4316, -25.2383 by changing the saturation by 10% instead.

■ 200.7780,
-67.4316, -25.2383

■ 200.7780,
-67.4316, -25.2383

■ 255.0000, 0.0000,
0.0000

■ 170.8660,
-70.9259, -24.4385

■ 232.7760,
-54.1196, -1.5576

■ 142.6810,
-70.3417, -25.1532

■ 243.2580,
-44.9902, 10.2977

■ 117.8620,
-58.1060, -29.6970

■ 246.5640,
-32.3231, 7.3984

■ 93.6300, -46.1596,
-34.7555

■ 249.8700,
-19.6559, 4.4990

■ 66.4080, -32.7391,
-45.9618

■ 253.1760, -6.9888,
1.5996

■ 47.5470, -23.4407,
-41.6987

■ 33.4590, -16.4953,

-29.3435

■ 20.5450, -10.1287,
-18.0180

■ 0.0000, 0.0000,
0.0000

■ 200.7780,
-67.4316, -25.2383

■ 200.7780,
-67.4316, -25.2383

■ 195.0520,
-76.4406, -28.9866

■ 206.5040,
-58.4225, -21.4900

■ 189.6250,
-85.5971, -32.1201

■ 211.9310,
-49.2660, -18.3565

■ 186.0070,
-91.7015, -34.2091

■ 217.7710,
-39.8201, -14.7082

■ 223.1980,
-30.6636, -11.5746

■ 228.9240,
-21.6545, -7.8263

■ 234.3510,
-12.4980, -4.6928

■ 240.0770, -3.4890,
-0.9445

■ 245.2760, 4.7939,
2.3889

■ 247.3690, 3.7621,
6.6924

Harmonies

Analogous

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



206.7530, -96.0132, 42.3126



200.7780, -67.4316, -25.2383



165.6450, -12.6430, -145.2707

Triad

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



200.7780, -67.4316, -25.2383



175.8200, 39.0357, -154.1941



182.1030, 17.6972, 63.9307

Complementary

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



200.7780, -67.4316, -25.2383



105.2220, 67.4316, 25.2383

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.



198.6480, 27.7815, 49.4207



200.7780, -67.4316, -25.2383



163.4930, 45.1130, -143.3834

Square

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



200.7780, -67.4316, -25.2383



178.7550, 37.5888, -156.7681



212.8920, 20.7592, 15.0037



182.2610, -22.3137, 63.7921

Rectangle

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



200.7780, -67.4316, -25.2383



172.1430, 12.2545, -150.9694



212.8920, 20.7592, 15.0037



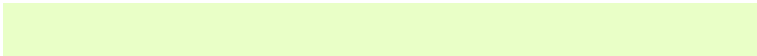
187.0560, 29.0594, 59.5869

Sweetspot

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



200.7780, -67.4316, -25.2383



242.0380, -21.2177, -7.9263



157.1380, -45.9170, 74.4240



119.9380, -12.7874, -5.2076



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.



200.7780, -67.4316, -25.2383



203.1520, -84.8709, -31.7053



174.7650, -54.6071, -78.7239



117.1370, -4.5045, -1.8741



141.1970, -69.6101, -26.4828



43.0380, -21.2177, -7.9263

Inverse Universe

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



105.2220, 67.4316, 25.2383



82.8480, 84.8709, 31.7053



131.2350, 54.6071, 78.7239



110.8630, 4.5045, 1.8741



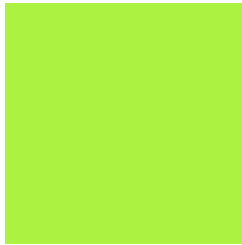
42.5040, 69.7575, 25.8680



12.9620, 21.2177, 7.9263

Previews

White Background



This preview shows how the YUV color 200.7780, -67.4316, -25.2383 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 200.7780, -67.4316, -25.2383 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

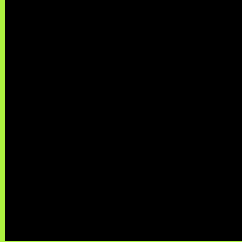
Any Text WCAG AA ✓ Pass

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 200.7780, -67.4316, -25.2383 Background



This preview shows how black text looks on a background with the YUV color 200.7780, -67.4316, -25.2383.



This preview shows how white text looks on a background with the YUV color 200.7780, -67.4316, -25.2383.

-25.2383.

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

200.7780, -67.4316, -25.2383

Protanopia

210.6050, -74.7413, 32.7954

Deuteranopia

219.5330, -31.8148, 31.1046



Tritanopia

218.4840, 12.5794, -21.4725

Trichromacy



Original Color

200.7780, -67.4316, -25.2383



Protanomaly

207.1570, -72.0554, 11.2633



Deuteranomaly

212.6710, -44.7008, 10.8125



Tritanomaly

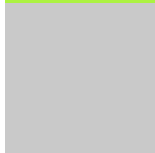
212.2040, -16.3696, -22.9809

Monochromacy



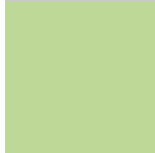
Original Color

200.7780, -67.4316, -25.2383



Achromatopsia

201.0000, 0.0000, 0.0000



Achromatomaly

200.8160, -24.5593, -9.4856

CSS Examples

Text

The CSS property to change the color of the text to YUV 200.7780, -67.4316, -25.2383 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(172, 242, 64)` looks like.

```
.text, #text, p{  
    color:rgb(172, 242, 64)  
}
```

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(172, 242, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 242, 64) }
```

Border

The CSS property to change the border of an element to YUV 200.7780, -67.4316, -25.2383 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(172, 242, 64) }
```


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

```
.border{ border-color:rgb(172, 242, 64) }
```

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

Here you see how a box with a 4 pixel rgb(172, 242, 64) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 242, 64); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 242, 64);  
box-shadow:4px 4px 4px 4px rgb(172, 242,  
64) }
```

Background

The CSS property to change the background color of an element to YUV 200.7780, -67.4316, -25.2383 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 242, 64) }
```

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

```
.background{ background-color: rgb(172,  
242, 64) }
```

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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