

Converting Colors

YUV(204.1560, -67.1249,
16.5262)

Have a look what the booklet for
YUV(204.1560, -67.1249, 16.5262)
contains.

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Color

**YUV(204.1560, -67.1249,
16.5262)**

Conversions

Conversions Part 1

Format	Color
Hex	DFDD44
RGB	223, 221, 68
RGB Percent	87%, 87%, 27%
CMY	0.1255, 0.1333, 0.7333
CMYK	0.00, 0.01, 0.70, 0.13
HSL	59°, 71%, 57%
HSV	59°, 70%, 87%
XYZ	57.3313, 67.8182, 15.5374
YIQ	204.1560, 50.3050, -47.1590

Conversions

Conversions Part 2

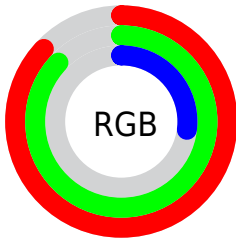
Format	Color
RYB	70, 223, 68
Decimal	14671172
CIELab	85.92, -16.83, 71.20
CIELCh	86, 73.165, 103.298
Yxy	67.8182, 0.4075, 0.4821
Android (android.graphics.Color)	4292861252 (0xFFDFD44)
YUV	204.1560, -67.1249, 16.5262
Hunter-Lab	82.3518, -19.8485, 46.4600

Details

The YUV color **204.1560, -67.1249, 16.5262** is a light color, and the websafe version is hex **CCCC33**. The color can be described as light muted yellow. A complement of this color would be **86.8440, 67.1249, -16.5262**, and the grayscale version is **205.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **240.1800, -56.7837, 12.9971**, and **146.4780, -72.2137, 15.3668** is the 20% darker color. If you saturate the color by 10%, you get **201.6480, -76.7345, 18.7257**, and if you desaturate by 10%, it is **206.6640, -57.5154, 14.3267**.

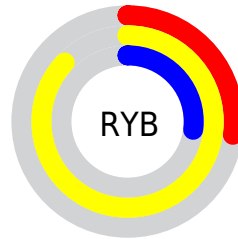
Distribution



Red (87%)

Green (87%)

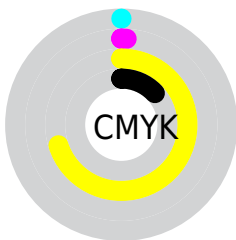
Blue (27%)



Red (27%)

Yellow (87%)

Blue (27%)

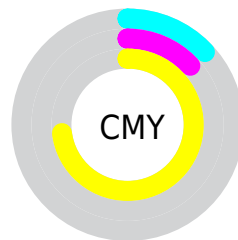


Cyan (0%)

Magenta (1%)

Yellow (70%)

Black (13%)



Cyan (13%)

Magenta (13%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the YUV color 204.1560, -67.1249, 16.5262 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 204.1560, -67.1249, 16.5262 by changing the saturation by 10% instead.

■ 204.1560,
-67.1249, 16.5262

■ 204.1560,
-67.1249, 16.5262

■ 255.0000, 0.0000,
0.0000

■ 175.1020,
-68.5773, 15.6965

■ 240.1800,
-56.7837, 12.9971

■ 146.4780,
-72.2137, 15.3668

■ 243.3720,
-44.5534, 10.1978

■ 122.8440,
-60.5621, 11.5378

■ 246.6780,
-31.8863, 7.2984

■ 99.7970, -49.1999,
7.1940

■ 249.9840,
-19.2191, 4.3990

■ 76.7500, -37.8377,
2.8502

■ 253.2900, -6.5520,
1.4997

■ 55.1760, -27.2018,
-1.9084

■ 34.7870, -17.1500,

-5.9522

■ 15.2620, -7.5242,
-13.3848

■ 0.0000, 0.0000,
0.0000

■ 204.1560,
-67.1249, 16.5262

■ 204.1560,
-67.1249, 16.5262

■ 201.6480,
-76.7345, 18.7257

■ 206.6640,
-57.5154, 14.3267

■ 198.4390,
-86.4914, 21.5400

■ 209.8730,
-47.7584, 11.5124

■ 195.9310,
-96.1010, 23.7395

■ 212.3810,
-38.1488, 9.3129

■ 195.8170,
-96.5378, 23.8395

■ 214.8890,
-28.5393, 7.1133

■ 217.3970,
-18.9297, 4.9138

■ 220.6060, -9.1728,
2.0995

■ 223.1140, 0.4368,
-0.1000

■ 225.6220, 10.0464,
-2.2995

■ 227.2350, 13.6881,
-3.7141

Harmonies

Analogous

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



200.5480, -61.4022, 47.7544



204.1560, -67.1249, 16.5262



194.7860, -42.7855, -43.6623

Triad

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



204.1560, -67.1249, 16.5262



172.8850, 40.4827, -151.6201



198.0610, 28.0709, 49.9355

Complementary

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



204.1560, -67.1249, 16.5262



86.8440, 67.1249, -16.5262

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.



212.7360, 20.8362, 37.0655



204.1560, -67.1249, 16.5262



165.8410, 43.9554, -145.4426

Square

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



204.1560, -67.1249, 16.5262



174.0930, 34.9572, -152.6796



196.2710, 28.9534, -46.7187



186.7870, 0.1050, 59.8228

Rectangle

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



204.1560, -67.1249, 16.5262



178.8660, -14.2309, -102.4915



196.2710, 28.9534, -46.7187



202.1700, 26.0452, 46.3319

Sweetspot

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



204.1560, -67.1249, 16.5262



248.2570, -23.2977, 5.9136



114.6870, -21.5377, 94.9905



123.7650, -13.6881, 3.7141



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.



204.1560, -67.1249, 16.5262



229.0710, -91.7330, 22.7397



182.9050, -56.6482, -30.6117



110.7460, -4.8048, 1.0998



154.7620, -76.2977, 18.6257



42.5280, -20.9663, 4.7989

Inverse Universe

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



86.8440, 67.1249, -16.5262



68.9290, 91.7330, -22.7397



108.0950, 56.6482, 30.6117



102.2540, 4.8048, -1.0998



21.2380, 76.2977, -18.6257



6.0590, 20.6769, -5.3137

Previews

White Background



This preview shows how the YUV color 204.1560, -67.1249, 16.5262 looks on a white background.

Color Contrast Check

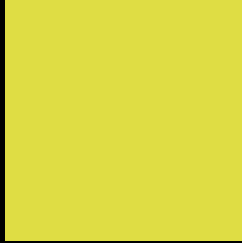
Large Text (above 18pt) WCAG AA × Fail

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 204.1560, -67.1249, 16.5262 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 204.1560, -67.1249, 16.5262 Background



This preview shows how black text looks on a background with the YUV color 204.1560, -67.1249, 16.5262.



This preview shows how white text looks on a background with the YUV color 204.1560, -67.1249, 16.5262.

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

204.1560, -67.1249, 16.5262

Protanopia

205.7880, -68.9155, 30.8809

Deuteranopia

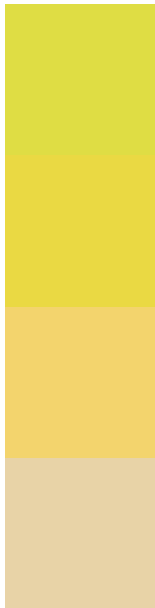
212.8020, -39.8354, 37.0076



Tritanopia

217.2070, 2.8559, 17.3585

Trichromacy



Original Color

204.1560, -67.1249, 16.5262

Protanomaly

204.9830, -68.0256, 25.4479

Deuteranomaly

209.5270, -49.5598, 29.3558

Tritanomaly

212.2630, -22.3147, 17.3093

Monochromacy



Original Color

204.1560, -67.1249, 16.5262

Achromatopsia

204.0000, 0.0000, 0.0000

Achromatomaly

204.0290, -24.1713, 6.1136

CSS Examples

Text

The CSS property to change the color of the text to YUV 204.1560, -67.1249, 16.5262 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(223, 221, 68)` looks like.

```
.text, #text, p{  
    color:rgb(223, 221, 68)  
}
```

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(223, 221, 68) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 221, 68) }
```

Border

The CSS property to change the border of an element to YUV 204.1560, -67.1249, 16.5262 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(223, 221, 68) }
```


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

```
.border{ border-color:rgb(223, 221, 68) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 221, 68)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 221, 68); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 221, 68);  
box-shadow:4px 4px 4px 4px rgb(223, 221,  
68) }
```

Background

The CSS property to change the background color of an element to YUV 204.1560, -67.1249, 16.5262 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 221, 68) }
```

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

```
.background{ background-color: rgb(223,  
221, 68) }
```

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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