

Converting Colors

YUV(187.6690, -75.2658,
14.3223)

Have a look what the booklet for
YUV(187.6690, -75.2658, 14.3223)
contains.

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Color

**YUV(187.6690, -75.2658,
14.3223)**

Conversions

Conversions Part 1

Format	Color
Hex	CCD123
RGB	204, 209, 35
RGB Percent	80%, 82%, 14%
CMY	0.2000, 0.1804, 0.8627
CMYK	0.02, 0.00, 0.83, 0.18
HSL	62°, 71%, 48%
HSV	62°, 83%, 82%
XYZ	48.0057, 58.5596, 10.3631
YIQ	187.6690, 52.8740, -55.1740

Conversions

Conversions Part 2

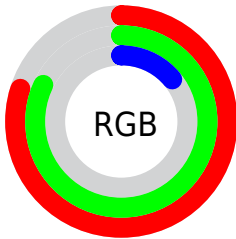
Format	Color
R_{YB}	35, 209, 40
Decimal	13422883
CIE _{Lab}	81.05, -20.13, 76.01
CIE _{LCh}	81, 78.631, 104.831
Yxy	58.5596, 0.4106, 0.5008
Android (android.graphics.Color)	4291612963 (0xFFCCD123)
YUV	187.6690, -75.2658, 14.3223
Hunter-Lab	76.5243, -21.9398, 45.5378

Details

The YUV color $187.6690, -75.2658, 14.3223$ is a light color, and the websafe version is hex `CCCC00`. The color can be described as light washed yellow. A complement of this color would be $56.3310, 75.2658, -14.3223$, and the grayscale version is $188.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $237.2160, -68.1405, 15.5966$, and $134.6390, -66.3770, 9.9636$ is the 20% darker color. If you saturate the color by 10%, you get $184.9760, -84.2912, 15.8070$, and if you desaturate by 10%, it is $190.3620, -66.2405, 12.8375$.

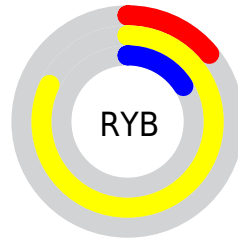
Distribution



Red (80%)

Green (82%)

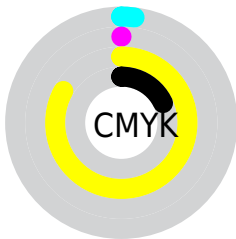
Blue (14%)



Red (14%)

Yellow (82%)

Blue (16%)

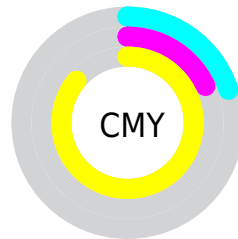


Cyan (2%)

Magenta (0%)

Yellow (83%)

Black (18%)



Cyan (20%)

Magenta (18%)

Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the YUV color 187.6690, -75.2658, 14.3223 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 187.6690, -75.2658, 14.3223 by changing the saturation by 10% instead.

■ 187.6690,
-75.2658, 14.3223

■ 187.6690,
-75.2658, 14.3223

■ 255.0000, 0.0000,
0.0000

■ 159.1590,
-78.4654, 13.8926

■ 237.2160,
-68.1405, 15.5966

■ 134.6390,
-66.3770, 9.9636

■ 240.5220,
-55.4733, 12.6972

■ 110.7060,
-54.5781, 5.5198

■ 243.7140,
-43.2430, 9.8978

■ 87.6590, -43.2159,
1.1761

■ 247.0200,
-30.5759, 6.9985

■ 65.4980, -32.2905,
-3.0677

■ 250.4400,
-17.4719, 3.9991

■ 43.9240, -21.6545,
-7.8263

■ 253.7460, -4.8048,

■ 23.2250, -11.4499,

1.0998

-14.2293

■ 4.1090, -2.0257,
-3.6036

■ 0.0000, 0.0000,
0.0000

■ 187.6690,
-75.2658, 14.3223

■ 187.6690,
-75.2658, 14.3223

■ 184.9760,
-84.2912, 15.8070

■ 190.3620,
-66.2405, 12.8375

■ 183.3800,
-90.4063, 17.2067

■ 192.7560,
-57.0677, 10.7380

■ 195.4490,
-48.0424, 9.2532

■ 197.8430,
-38.8696, 7.1537

■ 200.4220,
-30.2810, 5.7689

■ 203.1150,
-21.2557, 4.2841

■ 205.5090,
-12.0829, 2.1846

■ 208.2020, -3.0576,
0.6998

■ 210.5960, 6.1152,
-1.3997

Harmonies

Analogous

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



189.3830, -71.1808, 57.5461



187.6690, -75.2658, 14.3223



177.8020, -43.7794, -51.5694

Triad

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



187.6690, -75.2658, 14.3223



165.2540, 44.2448, -144.9278



183.6650, 28.7592, 62.5608

Complementary

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



187.6690, -75.2658, 14.3223



56.3310, 75.2658, -14.3223

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.



200.9740, 26.6348, 43.8728



187.6690, -75.2658, 14.3223



158.2100, 47.7175, -138.7502

Square

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



187.6690, -75.2658, 14.3223



165.5500, 35.2249, -145.1873



181.4860, 36.2424, -51.2922



172.2940, -2.1169, 72.5332

Rectangle

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



187.6690, -75.2658, 14.3223



151.5740, -8.1710, -132.9304



181.4860, 36.2424, -51.2922



189.8430, 32.1224, 57.1427

Sweetspot

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



187.6690, -75.2658, 14.3223



247.1060, -27.6603, 5.1690



88.7870, -26.5170, 105.4268



122.9560, -16.7403, 2.6696



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.



187.6690, -75.2658, 14.3223



223.8370, -110.3516, 21.1910



162.2540, -62.7362, -37.9338



103.4470, -4.6574, 0.4850



147.3530, -72.6450, 13.7224



36.0270, -17.7613, 3.4843

Inverse Universe

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



56.3310, 75.2658, -14.3223



31.1630, 110.3516, -21.1910



81.7460, 62.7362, 37.9338



95.2540, 4.8048, -1.0998



20.6470, 72.6450, -13.7224



4.9730, 17.7613, -3.4843

Previews

White Background



This preview shows how the YUV color 187.6690, -75.2658, 14.3223 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 187.6690, -75.2658, 14.3223 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 187.6690, -75.2658, 14.3223

Background



This preview shows how black text looks on a background with the YUV color 187.6690, -75.2658, 14.3223.



This preview shows how white text looks on a background with the YUV color 187.6690, -75.2658,

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

187.6690, -75.2658, 14.3223

Protanopia

189.9100, -77.3566, 31.6509

Deuteranopia

193.0080, -72.4749, 52.6130



Tritanopia

203.0000, 3.4510, 13.1550

Trichromacy



Original Color

187.6690, -75.2658, 14.3223

Protanomaly

189.3930, -76.6087, 25.0883

Deuteranomaly

191.2790, -73.5945, 38.3433

Tritanomaly

197.1440, -25.2140, 13.9057

Monochromacy



Original Color

187.6690, -75.2658, 14.3223

Achromatopsia

188.0000, 0.0000, 0.0000

Achromatomaly

188.1060, -27.6603, 5.1690

CSS Examples

Text

The CSS property to change the color of the text to YUV 187.6690, -75.2658, 14.3223 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(204, 209, 35)` looks like.

```
.text, #text, p{  
    color:rgb(204, 209, 35)  
}
```

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(204, 209, 35) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 209, 35) }
```

Border

The CSS property to change the border of an element to YUV 187.6690, -75.2658, 14.3223 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(204, 209, 35) }
```


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

```
.border{ border-color:rgb(204, 209, 35) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 209, 35)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 209, 35); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 209, 35);  
box-shadow:4px 4px 4px 4px rgb(204, 209,  
35) }
```

Background

The CSS property to change the background color of an element to YUV 187.6690, -75.2658, 14.3223 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 209, 35) }
```

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

```
.background{ background-color: rgb(204,  
209, 35) }
```

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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