

Converting Colors

YUV(188.6630, -35.8229,
9.9425)

Have a look what the booklet for
YUV(188.6630, -35.8229, 9.9425)
contains.

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Color

**YUV(188.6630, -35.8229,
9.9425)**

Conversions

Conversions Part 1

Format	Color
Hex	C8C574
RGB	200, 197, 116
RGB Percent	78%, 77%, 45%
CMY	0.2157, 0.2275, 0.5451
CMYK	0.00, 0.01, 0.42, 0.22
HSL	58°, 43%, 62%
HSV	58°, 42%, 78%
XYZ	46.9381, 53.4728, 24.3704
YIQ	188.6630, 27.7890, -24.5550

Conversions

Conversions Part 2

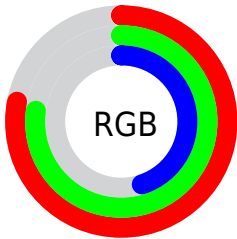
Format	Color
RYB	119, 200, 116
Decimal	13157748
CIELab	78.15, -10.62, 40.90
CIELCh	78, 42.258, 104.554
Yxy	53.4728, 0.3762, 0.4285
Android (android.graphics.Color)	4291347828 (0xFFC8C574)
YUV	188.6630, -35.8229, 9.9425
Hunter-Lab	73.1251, -13.3921, 31.4280

Details

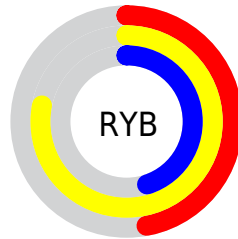
The YUV color $188.6630, -35.8229, 9.9425$ is a light color, and the websafe version is hex $CCCC66$. A complement of this color would be $127.3370, 35.8229, -9.9425$, and the grayscale version is $189.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $244.6090, -37.2752, 9.1129$, and $134.5210, -33.7809, 8.3131$ is the 20% darker color. If you saturate the color by 10%, you get $185.7960, -44.2694, 12.4569$, and if you desaturate by 10%, it is $191.5300, -27.3763, 7.4282$.

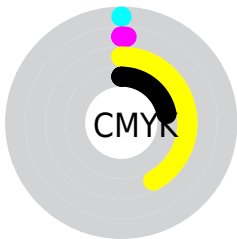
Distribution



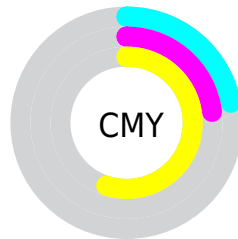
- Red (78%)
- Green (77%)
- Blue (45%)



- Red (47%)
- Yellow (78%)
- Blue (45%)



- Cyan (0%)
- Magenta (1%)
- Yellow (42%)
- Black (22%)



- Cyan (22%)
- Magenta (23%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YUV color 188.6630, -35.8229, 9.9425 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 188.6630, -35.8229, 9.9425 by changing the saturation by 10% instead.

■ 188.6630,
-35.8229, 9.9425

■ 188.6630,
-35.8229, 9.9425

255.0000, 0.0000,
0.0000

■ 161.4780,
-35.2387, 9.2278

■ 244.6090,
-37.2752, 9.1129

■ 134.5210,
-33.7809, 8.3131

■ 248.3880,
-25.3343, 5.7987

■ 109.2220,
-33.6334, 7.6983

■ 251.5800,
-13.1039, 2.9993

■ 83.8090, -33.9228,
7.1835

254.8860, -0.4368,
0.1000

■ 61.1230, -30.1336,
5.1541

■ 40.7340, -20.0819,
1.1103

■ 20.9320, -10.3195,

-3.4484

■ 0.0000, 0.0000,
0.0000

■ 188.6630,
-35.8229, 9.9425

■ 188.6630,
-35.8229, 9.9425

■ 185.7960,
-44.2694, 12.4569

■ 191.5300,
-27.3763, 7.4282

■ 183.5160,
-53.0054, 14.4565

■ 193.8100,
-18.6403, 5.4286

■ 180.6490,
-61.4520, 16.9708

■ 196.6770,
-10.1938, 2.9143

■ 177.7820,
-69.8985, 19.4852

■ 199.5440, -1.7472,
0.3999

■ 174.9150,
-78.3451, 21.9995

■ 202.4110, 6.6994,
-2.1144

■ 173.0910,
-85.3339, 23.5992

■ 204.6910, 15.4353,
-4.1140

■ 207.4440, 23.4451,
-6.5284

■ 208.0310, 23.1557,
-7.0432

Harmonies

Analogous

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



192.3230, -36.6412, 39.1817



188.6630, -35.8229, 9.9425



183.6570, -23.4949, -24.2552

Triad

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



188.6630, -35.8229, 9.9425



156.5000, 44.6165, -124.0955



197.6100, 8.5733, 50.3310

Complementary

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



188.6630, -35.8229, 9.9425



127.3370, 35.8229, -9.9425

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.



198.0760, 25.1055, 20.9813



188.6630, -35.8229, 9.9425



177.8320, 38.0438, -69.1357

Square

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



188.6630, -35.8229, 9.9425



162.6430, 24.3330, -104.9269



191.1200, 31.4928, -21.1532



191.8760, -8.3199, 55.3597

Rectangle

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



188.6630, -35.8229, 9.9425



178.6460, -10.1785, -48.8015



191.1200, 31.4928, -21.1532



198.7600, 14.4153, 43.1835

Sweetspot

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



188.6630, -35.8229, 9.9425



250.6510, -14.1249, 3.8141



141.5720, -10.6350, 51.2414



125.0190, -8.8834, 2.6143



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.



188.6630, -35.8229, 9.9425



237.5870, -54.0264, 15.2712



179.0620, -31.0896, -14.9634



97.9740, -3.9312, 0.8998



140.8960, -69.4617, 19.3852



30.7220, -15.1459, 4.6288

Inverse Universe

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



127.3370, 35.8229, -9.9425



144.8260, 54.3158, -14.7564



136.9380, 31.0896, 14.9634



91.0260, 3.9312, -0.8998



22.1040, 69.4617, -19.3852



4.6910, 15.4353, -4.1140

Previews

White Background



This preview shows how the YUV color 188.6630, -35.8229, 9.9425 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 188.6630, -35.8229, 9.9425 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

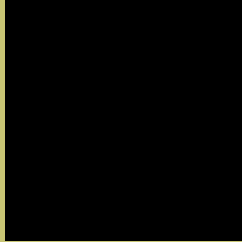
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 188.6630, -35.8229, 9.9425

Background



This preview shows how black text looks on a background with the YUV color 188.6630, -35.8229, 9.9425.



This preview shows how white text looks on a background with the YUV color 188.6630, -35.8229, 9.9425.

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

188.6630, -35.8229, 9.9425

Protanopia

189.4900, -36.7236, 18.8643

Deuteranopia

191.5400, -35.7622, 37.2374



Tritanopia

195.2880, 3.3090, 12.0254

Trichromacy



Original Color

188.6630, -35.8229, 9.9425

Protanomaly

188.8810, -36.4233, 15.8904

Deuteranomaly

190.7730, -35.8771, 27.3861

Tritanomaly

193.2050, -10.9471, 11.2212

Monochromacy



Original Color

188.6630, -35.8229, 9.9425

Achromatopsia

189.0000, 0.0000, 0.0000

Achromatomaly

188.8790, -13.2513, 3.6141

CSS Examples

Text

The CSS property to change the color of the text to YUV 188.6630, -35.8229, 9.9425 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(200, 197, 116)` looks like.

```
.text, #text, p{  
    color:rgb(200, 197, 116)  
}
```

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(200, 197, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 197, 116) }
```

Border

The CSS property to change the border of an element to YUV 188.6630, -35.8229, 9.9425 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(200, 197, 116) }
```


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

```
.border{ border-color:rgb(200, 197, 116) }
```

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

Here you see how a box with a 4 pixel rgb(200, 197, 116) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 197, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 197, 116);  
box-shadow:4px 4px 4px 4px rgb(200, 197,  
116) }
```

Background

The CSS property to change the background color of an element to YUV 188.6630, -35.8229, 9.9425 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 197, 116) }
```

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

```
.background{ background-color: rgb(200,  
197, 116) }
```

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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