

Converting Colors

YUV(206.2400, -57.7993,
12.0675)

Have a look what the booklet for
YUV(206.2400, -57.7993, 12.0675)
contains.

YUV(206.2400, -57.7993, 12.0675)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(206.2400, -57.7993,
12.0675)**

Conversions

Conversions Part 1

Format	Color
Hex	DCDE59
RGB	220, 222, 89
RGB Percent	86%, 87%, 35%
CMY	0.1373, 0.1294, 0.6510
CMYK	0.01, 0.00, 0.60, 0.13
HSL	61°, 67%, 61%
HSV	61°, 60%, 87%
XYZ	57.4396, 68.1795, 19.5838
YIQ	206.2400, 41.5010, -41.7870

Conversions

Conversions Part 2

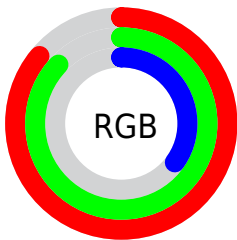
Format	Color
RYB	89, 222, 91
Decimal	14474841
CIELab	86.10, -17.34, 63.13
CIELCh	86, 65.471, 105.359
Yxy	68.1795, 0.3956, 0.4695
Android (android.graphics.Color)	4292664921 (0xFFDCDE59)
YUV	206.2400, -57.7993, 12.0675
Hunter-Lab	82.5709, -20.3271, 43.7375

Details

The YUV color $206.2400, -57.7993, 12.0675$ 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 $104.7600, 57.7993, -12.0675$, and the grayscale version is $207.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $242.3460, -48.4846, 11.0976$, and $149.8870, -59.1043, 10.6231$ is the 20% darker color. If you saturate the color by 10%, you get $203.7320, -67.4089, 14.2670$, and if you desaturate by 10%, it is $208.7480, -48.1898, 9.8680$.

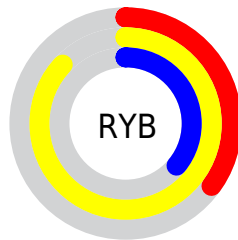
Distribution



Red (86%)

Green (87%)

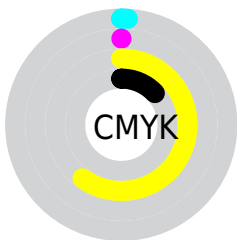
Blue (35%)



Red (35%)

Yellow (87%)

Blue (36%)

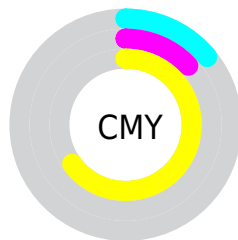


Cyan (1%)

Magenta (0%)

Yellow (60%)

Black (13%)



Cyan (14%)

Magenta (13%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the YUV color 206.2400, -57.7993, 12.0675 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 206.2400, -57.7993, 12.0675 by changing the saturation by 10% instead.

■ 206.2400,
-57.7993, 12.0675

■ 206.2400,
-57.7993, 12.0675

■ 255.0000, 0.0000,
0.0000

■ 177.9410,
-57.6519, 11.4527

■ 242.3460,
-48.4846, 11.0976

■ 149.8870,
-59.1043, 10.6231

■ 245.5380,
-36.2542, 8.2982

■ 122.8330,
-60.5567, 9.7935

■ 248.7300,
-24.0239, 5.4988

■ 99.1990, -48.9051,
5.9645

■ 252.0360,
-11.3567, 2.5994

■ 77.3370, -38.1271,
2.3355

■ 55.7630, -27.4912,
-2.4232

■ 34.4880, -17.0026,

-6.5670

■ 15.2620, -7.5242,
-13.3848

■ 0.0000, 0.0000,
0.0000

■ 206.2400,
-57.7993, 12.0675

■ 206.2400,
-57.7993, 12.0675

■ 203.7320,
-67.4089, 14.2670

■ 208.7480,
-48.1898, 9.8680

■ 200.9250,
-76.8710, 15.8518

■ 211.5550,
-38.7276, 8.2833

■ 198.3030,
-86.9174, 18.1513

■ 214.1770,
-28.6813, 5.9838

■ 195.7950,
-96.5269, 20.3508

■ 216.6850,
-19.0717, 3.7843

■ 219.4920, -9.6096,
2.1995

■ 222.0000, 0.0000,
0.0000

■ 224.5080, 9.6096,
-2.1995

■ 226.0610, 14.2669,
-2.6845

Harmonies

Analogous

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



204.7200, -55.5710, 44.0956



206.2400, -57.7993, 12.0675



197.5180, -36.2444, -41.6733

Triad

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



206.2400, -57.7993, 12.0675



171.1240, 41.3509, -150.0757



201.9590, 22.6982, 46.5170

Complementary

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



206.2400, -57.7993, 12.0675



104.7600, 57.7993, -12.0675

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.



214.4970, 19.9680, 35.5211



206.2400, -57.7993, 12.0675



164.6670, 44.5342, -144.4130

Square

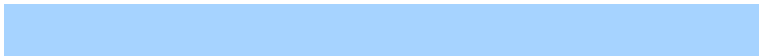
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



206.2400, -57.7993, 12.0675



172.4460, 36.2621, -151.2351



202.5610, 25.8524, -32.0640



192.5430, -3.2257, 54.7748

Rectangle

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



206.2400, -57.7993, 12.0675



185.2250, -11.9429, -89.6513



202.5610, 25.8524, -32.0640



205.6920, 24.3088, 43.2431

Sweetspot

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



206.2400, -57.7993, 12.0675



249.4570, -19.9453, 3.9842



128.7670, -19.6051, 81.7653



124.3950, -12.5197, 2.2846



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.



206.2400, -57.7993, 12.0675



233.1270, -79.9286, 16.5516



187.1040, -48.3653, -27.2782



110.7460, -4.8048, 1.0998



155.0390, -76.4342, 15.7518



42.5280, -20.9663, 4.7989

Inverse Universe

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



104.7600, 57.7993, -12.0675



92.8730, 79.9286, -16.5516



124.1950, 48.2179, 27.8930



102.2540, 4.8048, -1.0998



20.9610, 76.4342, -15.7518



5.7710, 20.8189, -4.1842

Previews

White Background



This preview shows how the YUV color 206.2400, -57.7993, 12.0675 looks on a white background.

Color Contrast Check

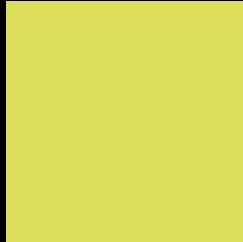
Large Text (above 18pt) WCAG AA × Fail

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 206.2400, -57.7993, 12.0675 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 206.2400, -57.7993, 12.0675

Background



This preview shows how black text looks on a background with the YUV color 206.2400, -57.7993, 12.0675.



This preview shows how white text looks on a background with the YUV color 206.2400, -57.7993, 12.0675.

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

206.2400, -57.7993, 12.0675

Protanopia

208.4700, -59.8847, 27.6518

Deuteranopia

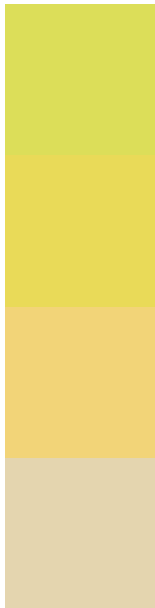
213.3720, -37.6514, 36.5078



Tritanopia

217.2990, 3.3036, 13.7698

Trichromacy



Original Color

206.2400, -57.7993, 12.0675

Protanomaly

207.6650, -58.9948, 22.2188

Deuteranomaly

210.4820, -44.6076, 27.6413

Tritanomaly

213.1530, -18.8094, 13.0208

Monochromacy



Original Color

206.2400, -57.7993, 12.0675

Achromatopsia

206.0000, 0.0000, 0.0000

Achromatomaly

206.1150, -21.2557, 4.2841

CSS Examples

Text

The CSS property to change the color of the text to YUV 206.2400, -57.7993, 12.0675 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(220, 222, 89)` looks like.

```
.text, #text, p{  
    color:rgb(220, 222, 89)  
}
```

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(220, 222, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 222, 89) }
```

Border

The CSS property to change the border of an element to YUV 206.2400, -57.7993, 12.0675 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(220, 222, 89) }
```


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

```
.border{ border-color:rgb(220, 222, 89) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 222, 89)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 222, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 222, 89);  
box-shadow:4px 4px 4px 4px rgb(220, 222,  
89) }
```

Background

The CSS property to change the background color of an element to YUV 206.2400, -57.7993, 12.0675 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 222, 89) }
```

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

```
.background{ background-color: rgb(220,  
222, 89) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor