

Converting Colors

YUV(202.2300, -59.2734,
18.2153)

Have a look what the booklet for
YUV(202.2300, -59.2734, 18.2153)
contains.

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Color

**YUV(202.2300, -59.2734,
18.2153)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | DFD752 |
| RGB | 223, 215, 82 |
| RGB Percent | 87%, 84%, 32% |
| CMY | 0.1255, 0.1569, 0.6784 |
| CMYK | 0.00, 0.04, 0.63, 0.13 |
| HSL | 57°, 69%, 60% |
| HSV | 57°, 63%, 87% |
| XYZ | 56.2549, 64.8980, 17.5443 |
| YIQ | 202.2300, 47.4610, -39.6670 |

Conversions

Conversions Part 2

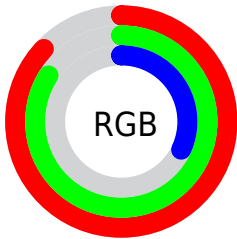
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 90, 223, 82 |
| Decimal | 14669650 |
| CIELab | 84.43, -13.09, 64.33 |
| CIELCh | 84, 65.644, 101.504 |
| Yxy | 64.8980, 0.4056, 0.4679 |
| Android (android.graphics.Color) | 4292859730 (0xFFDFD752) |
| YUV | 202.2300, -59.2734, 18.2153 |
| Hunter-Lab | 80.5593, -16.3317, 43.4793 |

Details

The YUV color **202.2300, -59.2734, 18.2153** 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 **102.7700, 59.2734, -18.2153**, and the grayscale version is **203.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **241.5480, -51.5422, 11.7974**, and **146.1220, -62.1781, 16.5560** is the 20% darker color. If you saturate the color by 10%, you get **199.1350, -68.5936, 20.9296**, and if you desaturate by 10%, it is **205.3250, -49.9532, 15.5010**.

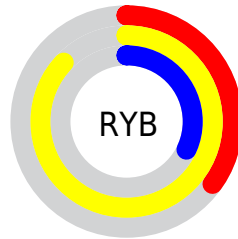
Distribution



Red (87%)

Green (84%)

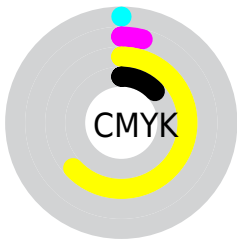
Blue (32%)



Red (35%)

Yellow (87%)

Blue (32%)

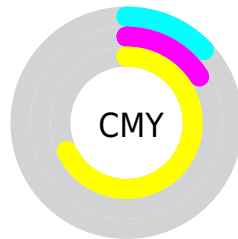


Cyan (0%)

Magenta (4%)

Yellow (63%)

Black (13%)



Cyan (13%)

Magenta (16%)

Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the YUV color 202.2300, -59.2734, 18.2153 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 202.2300, -59.2734, 18.2153 by changing the saturation by 10% instead.

■ 202.2300,
-59.2734, 18.2153

■ 202.2300,
-59.2734, 18.2153

■ 255.0000, 0.0000,
0.0000

■ 173.9310,
-59.1260, 17.6005

■ 241.5480,
-51.5422, 11.7974

■ 146.1220,
-62.1781, 16.5560

■ 244.7400,
-39.3118, 8.9980

■ 119.3220,
-58.8257, 14.6266

■ 247.9320,
-27.0815, 6.1986

■ 96.5740, -47.6110,
10.8976

■ 251.2380,
-14.4143, 3.2993

■ 74.4130, -36.6856,
6.6538

■ 254.5440, -1.7472,
0.3999

■ 52.8390, -26.0496,
1.8952

■ 33.0370, -16.2872,

-2.6634

■ 12.9140, -6.3666,
-11.3256

■ 0.0000, 0.0000,
0.0000

■ 202.2300,
-59.2734, 18.2153

■ 202.2300,
-59.2734, 18.2153

■ 199.1350,
-68.5936, 20.9296

■ 205.3250,
-49.9532, 15.5010

■ 195.3390,
-78.0611, 24.2587

■ 209.1210,
-40.4857, 12.1719

■ 192.2440,
-87.3813, 26.9730

■ 212.2160,
-31.1655, 9.4576

■ 189.9470,
-93.6439, 28.9875

■ 215.3110,
-21.8453, 6.7433

■ 218.5200,
-12.0884, 3.9290

■ 222.2020, -3.0576,
0.6998

■ 225.2970, 6.2626,
-2.0145

■ 227.8220, 13.3988,
-4.2289

■ 228.4090, 13.1094,
-4.7437

Harmonies

Analogous

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



200.3830, -54.4188, 47.8991



202.2300, -59.2734, 18.2153



194.3510, -39.6130, -34.5108

Triad

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



202.2300, -59.2734, 18.2153



168.7760, 42.5084, -148.0166



200.6540, 25.3136, 47.6614

Complementary

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



202.2300, -59.2734, 18.2153



102.7700, 59.2734, -18.2153

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.



211.2190, 21.5840, 30.5029



202.2300, -59.2734, 18.2153



162.9060, 45.4023, -142.8686

Square

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



202.2300, -59.2734, 18.2153



168.6160, 31.7413, -147.8762



194.8090, 29.6742, -44.5595



189.9500, -0.4683, 57.0489

Rectangle

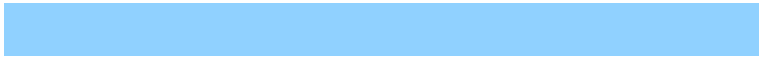
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



202.2300, -59.2734, 18.2153



183.9120, -17.2116, -79.7298



194.8090, 29.6742, -44.5595



204.5180, 24.8876, 44.2727

Sweetspot

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



202.2300, -59.2734, 18.2153



247.7670, -20.0981, 6.3433



125.1850, -16.8532, 85.7838



123.4060, -12.5252, 4.0289



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.



202.2300, -59.2734, 18.2153



226.4270, -81.5555, 25.0585



188.6870, -52.5967, -23.4045



110.7460, -4.8048, 1.0998



150.0660, -73.9825, 22.7441



41.3540, -20.3875, 5.8285

Inverse Universe

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



102.7700, 59.2734, -18.2153



89.5730, 81.5555, -25.0585



116.3130, 52.5967, 23.4045



102.8410, 4.5154, -1.6146



25.9340, 73.9825, -22.7441



7.2330, 20.0981, -6.3433

Previews

White Background



This preview shows how the YUV color 202.2300, -59.2734, 18.2153 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 202.2300, -59.2734, 18.2153 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

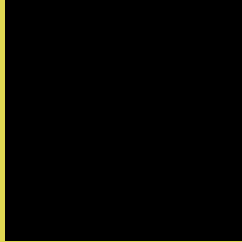
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 202.2300, -59.2734, 18.2153

Background



This preview shows how black text looks on a background with the YUV color 202.2300, -59.2734, 18.2153.

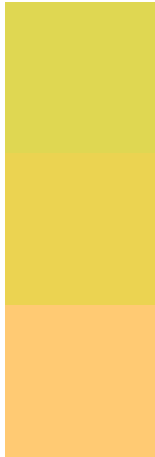


This preview shows how white text looks on a background with the YUV color 202.2300, -59.2734, 18.2153.

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

202.2300, -59.2734, 18.2153

Protanopia

203.3560, -60.3215, 27.7518

Deuteranopia

207.9290, -45.8140, 41.2813



Tritanopia

212.9900, 1.9769, 19.3028

Trichromacy



Original Color

202.2300, -59.2734, 18.2153

Protanomaly

202.7470, -60.0213, 24.7779

Deuteranomaly

205.9080, -50.7336, 32.5297

Tritanomaly

209.1430, -20.2835, 19.1686

Monochromacy



Original Color

202.2300, -59.2734, 18.2153

Achromatopsia

202.0000, 0.0000, 0.0000

Achromatomaly

202.3110, -21.8453, 6.7433

CSS Examples

Text

The CSS property to change the color of the text to YUV 202.2300, -59.2734, 18.2153 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, 215, 82)` looks like.

```
.text, #text, p{  
    color:rgb(223, 215, 82)  
}
```

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, 215, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 215, 82) }
```

Border

The CSS property to change the border of an element to YUV 202.2300, -59.2734, 18.2153 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, 215, 82) }
```


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

```
.border{ border-color:rgb(223, 215, 82) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 215, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 215, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 215, 82);  
box-shadow:4px 4px 4px 4px rgb(223, 215,  
82) }
```

Background

The CSS property to change the background color of an element to YUV 202.2300, -59.2734, 18.2153 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 215, 82) }
```

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

```
.background{ background-color: rgb(223,  
215, 82) }
```

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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