

Converting Colors

YUV(195.3640, -52.4375,
18.9748)

Have a look what the booklet for
YUV(195.3640, -52.4375, 18.9748)
contains.

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Color

**YUV(195.3640, -52.4375,
18.9748)**

Conversions

Conversions Part 1

Format	Color
Hex	D9CD59
RGB	217, 205, 89
RGB Percent	85%, 80%, 35%
CMY	0.1490, 0.1961, 0.6510
CMYK	0.00, 0.06, 0.59, 0.15
HSL	54°, 63%, 60%
HSV	54°, 59%, 85%
XYZ	52.2498, 59.1356, 18.1117
YIQ	195.3640, 44.3880, -33.5320

Conversions

Conversions Part 2

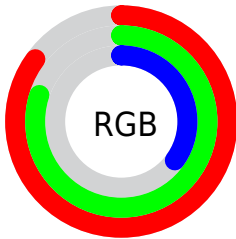
Format	Color
R _{YB}	102, 217, 89
Decimal	14273881
CIE Lab	81.37, -10.09, 57.88
CIE LCh	81, 58.753, 99.888
Yxy	59.1356, 0.4035, 0.4567
Android (android.graphics.Color)	4292463961 (0xFFD9CD59)
YUV	195.3640, -52.4375, 18.9748
Hunter-Lab	76.8997, -13.2920, 39.8656

Details

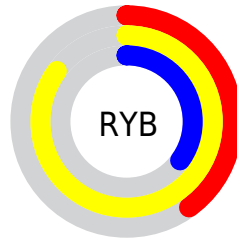
The YUV color **195.3640, -52.4375, 18.9748** is a light color, and the websafe version is hex **CCCC66**. The color can be described as light muted yellow. A complement of this color would be **110.6360, 52.4375, -18.9748**, and the grayscale version is **196.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **242.2320, -48.9214, 11.1975**, and **140.0540, -52.2846, 16.6156** is the 20% darker color. If you saturate the color by 10%, you get **191.6820, -61.4682, 22.2039**, and if you desaturate by 10%, it is **199.0460, -43.4067, 15.7457**.

Distribution



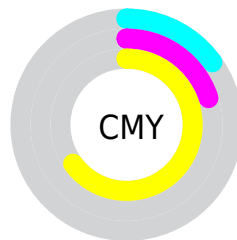
- Red (85%)
- Green (80%)
- Blue (35%)



- Red (40%)
- Yellow (85%)
- Blue (35%)



- Cyan (0%)
- Magenta (6%)
- Yellow (59%)
- Black (15%)



- Cyan (15%)
- Magenta (20%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the YUV color 195.3640, -52.4375, 18.9748 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 195.3640, -52.4375, 18.9748 by changing the saturation by 10% instead.

■ 195.3640,
-52.4375, 18.9748

■ 195.3640,
-52.4375, 18.9748

255.0000, 0.0000,
0.0000

■ 167.7660,
-52.1426, 17.7452

■ 242.2320,
-48.9214, 11.1975

■ 140.0540,
-52.2846, 16.6156

■ 245.4240,
-36.6910, 8.3982

■ 112.5440,
-55.4842, 16.1859

■ 248.6160,
-24.4607, 5.5988

■ 90.3830, -44.5588,
11.9421

■ 251.8080,
-12.2303, 2.7994

■ 68.5210, -33.7809,
8.3131

■ 46.9470, -23.1449,
3.5545

■ 27.4440, -13.5299,

-0.3894

■ 5.2830, -2.6045,
-4.6332

■ 0.0000, 0.0000,
0.0000

■ 195.3640,
-52.4375, 18.9748

■ 195.3640,
-52.4375, 18.9748

■ 191.6820,
-61.4682, 22.2039

■ 199.0460,
-43.4067, 15.7457

■ 188.1140,
-70.0622, 25.3330

■ 202.6140,
-34.8127, 12.6165

■ 184.4320,
-79.0930, 28.5621

■ 206.2960,
-25.7819, 9.3874

■ 180.7500,
-88.1238, 31.7913

■ 209.9780,
-16.7512, 6.1583

■ 180.5220,
-88.9973, 31.9912

■ 213.6600, -7.7204,
2.9292

■ 217.2280, 0.8736,
-0.2000

■ 220.9100, 9.9044,
-3.4291

■ 223.6800, 15.4408,
-5.8584

■ 224.8540, 14.8620,
-6.8880

Harmonies

Analogous

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



196.5990, -48.6093, 51.2177



195.3640, -52.4375, 18.9748



188.4920, -36.7246, -27.6185

Triad

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



195.3640, -52.4375, 18.9748



162.3190, 45.6917, -142.3538



198.2260, 21.0876, 49.7908

Complementary

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



195.3640, -52.4375, 18.9748



110.6360, 52.4375, -18.9748

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.



203.5000, 25.3895, 23.2405



195.3640, -52.4375, 18.9748



157.0360, 48.2963, -137.7206

Square

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



195.3640, -52.4375, 18.9748



159.9760, 29.0988, -140.2990



189.8030, 32.1421, -42.8002



188.4340, -1.2000, 58.3784

Rectangle

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



195.3640, -52.4375, 18.9748



180.5980, -17.5498, -64.5454



189.8030, 32.1421, -42.8002



203.3440, 25.4664, 45.3023

Sweetspot

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



195.3640, -52.4375, 18.9748



247.4080, -18.9351, 6.6582



128.7540, -13.1897, 77.3917



122.9330, -11.7990, 4.4438



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.



195.3640, -52.4375, 18.9748



224.3870, -74.1408, 26.8476



187.1590, -48.3924, -18.5564



108.1590, -4.5154, 1.6146



143.8860, -70.9358, 25.5330



38.4080, -18.9351, 6.6582

Inverse Universe

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



110.6360, 52.4375, -18.9748



104.6130, 74.1408, -26.8476



118.8410, 48.3924, 18.5564



100.8410, 4.5154, -1.6146



29.1140, 70.9358, -25.5330



7.5920, 18.9351, -6.6582

Previews

White Background



This preview shows how the YUV color 195.3640, -52.4375, 18.9748 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 195.3640, -52.4375, 18.9748 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 195.3640, -52.4375, 18.9748

Background



This preview shows how black text looks on a background with the YUV color 195.3640, -52.4375, 18.9748.



This preview shows how white text looks on a background with the YUV color 195.3640, -52.4375, 18.9748.

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

195.3640, -52.4375, 18.9748

Protanopia

195.8810, -53.1853, 25.5374

Deuteranopia

198.0560, -51.7926, 45.5549



Tritanopia

205.1750, 1.3927, 20.0175

Trichromacy



Original Color

195.3640, -52.4375, 18.9748

Protanomaly

195.5710, -53.0325, 23.1782

Deuteranomaly

197.2890, -51.9075, 35.7035

Tritanomaly

201.4250, -17.9575, 19.7983

Monochromacy



Original Color

195.3640, -52.4375, 18.9748

Achromatopsia

195.0000, 0.0000, 0.0000

Achromatomaly

195.2940, -19.3719, 6.7582

CSS Examples

Text

The CSS property to change the color of the text to YUV 195.3640, -52.4375, 18.9748 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(217, 205, 89)` looks like.

```
.text, #text, p{  
    color:rgb(217, 205, 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(217, 205, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 205, 89) }
```

Border

The CSS property to change the border of an element to YUV 195.3640, -52.4375, 18.9748 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(217, 205, 89) }
```


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

```
.border{ border-color:rgb(217, 205, 89) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 205, 89)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 205, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 205, 89);  
box-shadow:4px 4px 4px 4px rgb(217, 205,  
89) }
```

Background

The CSS property to change the background color of an element to YUV 195.3640, -52.4375, 18.9748 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 205, 89) }
```

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

```
.background{ background-color: rgb(217,  
205, 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](#).

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