

Converting Colors

YUV(109.3940, -17.9422,
-31.9175)

Have a look what the booklet for
YUV(109.3940, -17.9422, -31.9175)
contains.

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Color

**YUV(109.3940, -17.9422,
-31.9175)**

Conversions

Conversions Part 1

Format	Color
Hex	498749
RGB	73, 135, 73
RGB Percent	29%, 53%, 29%
CMY	0.7137, 0.4706, 0.7137
CMYK	0.46, 0.00, 0.46, 0.47
HSL	120°, 30%, 41%
HSV	120°, 46%, 53%
XYZ	12.6142, 19.2255, 9.3494
YIQ	109.3940, -17.0500, -32.4260

Conversions

Conversions Part 2

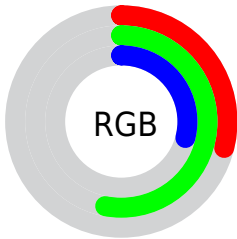
Format	Color
R_{YB}	73, 135, 135
Decimal	4818761
CIE _{Lab}	50.95, -33.54, 27.20
CIE _{LCh}	51, 43.178, 140.959
Yxy	19.2255, 0.3063, 0.4668
Android (android.graphics.Color)	4283008841 (0xFF498749)
YUV	109.3940, -17.9422, -31.9175
Hunter-Lab	43.8468, -25.3796, 18.0505

Details

The YUV color **109.3940, -17.9422, -31.9175** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **98.6060, 17.9422, 31.9175**, and the grayscale version is **110.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **162.3400, -19.3946, -32.7472**, and **58.3550, -15.4580, -35.3913** is the 20% darker color. If you saturate the color by 10%, you get **103.6120, -21.9937, -39.1247**, and if you desaturate by 10%, it is **114.7630, -14.1802, -25.2252**.

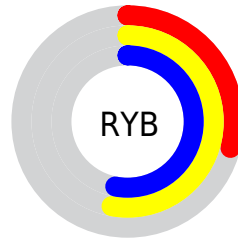
Distribution



Red (29%)

Green (53%)

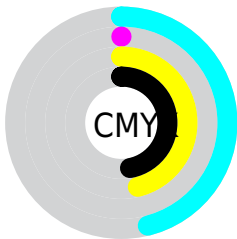
Blue (29%)



Red (29%)

Yellow (53%)

Blue (53%)

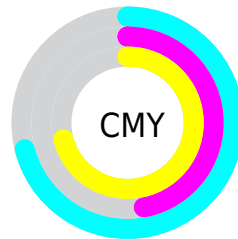


Cyan (46%)

Magenta (0%)

Yellow (46%)

Black (47%)



Cyan (71%)


Magenta (47%)


Yellow (71%)

Brightness & Saturation Gradients


These gradients show how the YUV color 109.3940, -17.9422, -31.9175 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 109.3940, -17.9422, -31.9175 by changing the saturation by 10% instead.


 109.3940,
-17.9422, -31.9175


 109.3940,
-17.9422, -31.9175


255.0000, 0.0000,
0.0000


 83.7360, -16.6318,
-32.2175


 162.3400,
-19.3946, -32.7472


 58.3550, -15.4580,
-35.3913


 189.8130,
-20.1208, -33.1620


 36.1490, -16.3425,
-31.7027

 217.6990,
-20.5576, -33.0620

 22.8930, -11.2862,
-20.0772

 235.0190,
-15.7854, -23.6957

 3.5220, -1.7363,
-3.0888

 246.9960, -7.3930,
-8.7665

 0.0000, 0.0000,
0.0000

■ 109.3940,
-17.9422, -31.9175

■ 109.3940,
-17.9422, -31.9175

■ 103.6120,
-21.9937, -39.1247

■ 114.7630,
-14.1802, -25.2252

■ 98.2430, -25.7558,
-45.8171

■ 120.5450,
-10.1287, -18.0180

■ 92.8740, -29.5179,
-52.5095

■ 126.3270, -6.0772,
-10.8108

■ 87.0920, -33.5694,
-59.7167

■ 131.6960, -2.3151,
-4.1184

■ 81.7230, -37.3314,
-66.4091

■ 137.4780, 1.7363,
3.0888

■ 79.2450, -39.0678,
-69.4979

■ 142.8470, 5.4984,
9.7812

■ 148.6290, 9.5499,
16.9884

■ 153.9980, 13.3120,

23.6808

■ 159.7800, 17.3635,
30.8879

Harmonies

Analogous

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



115.1180, -32.5962, 1.6505



109.3940, -17.9422, -31.9175



94.0190, 7.3856, -82.4547

Triad

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



109.3940, -17.9422, -31.9175



97.8390, 47.4074, -85.8048



121.2850, -11.9725, 60.2631

Complementary

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



109.3940, -17.9422, -31.9175



98.6060, 17.9422, 31.9175

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.



122.8230, 5.5103, 52.7752



109.3940, -17.9422, -31.9175



121.1470, 33.9445, -14.1609

Square

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



109.3940, -17.9422, -31.9175



100.1240, 38.3929, -87.8087



125.0830, 21.1581, 27.1142



120.5060, -27.3645, 50.4222

Rectangle

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



109.3940, -17.9422, -31.9175



97.4560, 18.0162, -85.4689



125.0830, 21.1581, 27.1142



121.4790, -6.1521, 60.0929

Sweetspot

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



109.3940, -17.9422, -31.9175



165.6750, -7.2348, -12.8700



127.9320, -27.0815, 6.1986



82.8050, -4.3409, -7.7220



217.0000, 0.0000, 0.0000



89.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



109.3940, -17.9422, -31.9175



135.9390, -28.0709, -49.9355



112.9280, -4.4015, -35.0169



63.5220, -1.7363, -3.0888



76.3100, -37.6208, -66.9239



1.7610, -0.8682, -1.5444

Inverse Universe

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



98.6060, 17.9422, 31.9175



119.0610, 28.0709, 49.9355



95.0720, 4.4015, 35.0169



62.4780, 1.7363, 3.0888



53.6900, 37.6208, 66.9239



1.2390, 0.8682, 1.5444

Previews

White Background



This preview shows how the YUV color 109.3940, -17.9422, -31.9175 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 109.3940, -17.9422, -31.9175 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

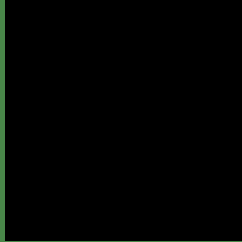
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 109.3940, -17.9422, -31.9175 Background



This preview shows how black text looks on a background with the YUV color 109.3940, -17.9422, -31.9175.



This preview shows how white text looks on a background with the YUV color 109.3940, -17.9422, -31.9175.

-31.9175.

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

109.3940, -17.9422, -31.9175

Protanopia

118.5460, -24.9192, 12.6762

Deuteranopia

119.7520, -20.5837, 22.1425



Tritanopia

116.5820, 10.5591, -26.8204

Trichromacy



Original Color

109.3940, -17.9422, -31.9175

Protanomaly

115.1310, -22.2496, -3.6229

Deuteranomaly

115.8590, -19.6505, 2.7547

Tritanomaly

114.1120, -0.0552, -29.0392

Monochromacy



Original Color

109.3940, -17.9422, -31.9175

Achromatopsia

109.0000, 0.0000, 0.0000

Achromatomaly

108.9140, -6.3666, -11.3256

CSS Examples

Text

The CSS property to change the color of the text to YUV 109.3940, -17.9422, -31.9175 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(73, 135, 73)` looks like.

```
.text, #text, p{  
    color:rgb(73, 135, 73)  
}
```

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(73, 135, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(73, 135, 73) }
```

Border

The CSS property to change the border of an element to YUV 109.3940, -17.9422, -31.9175 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(73, 135, 73) }
```


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

```
.border{ border-color:rgb(73, 135, 73) }
```

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

Here you see how a box with a 4 pixel `rgb(73, 135, 73)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(73, 135, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(73, 135, 73);  
box-shadow:4px 4px 4px 4px rgb(73, 135,  
73) }
```

Background

The CSS property to change the background color of an element to YUV 109.3940, -17.9422, -31.9175 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(73, 135, 73) }
```

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

```
.background{ background-color: rgb(73, 135,  
73) }
```

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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