

Converting Colors

YUV(180.3380, -12.4916,
40.0456)

Have a look what the booklet for
YUV(180.3380, -12.4916, 40.0456)
contains.

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Color

**YUV(180.3380, -12.4916,
40.0456)**

Conversions

Conversions Part 1

Format	Color
Hex	E2A29B
RGB	226, 162, 155
RGB Percent	89%, 64%, 61%
CMY	0.1137, 0.3647, 0.3922
CMYK	0.00, 0.28, 0.31, 0.11
HSL	6°, 55%, 75%
HSV	6°, 31%, 89%
XYZ	50.2008, 44.3760, 36.9299
YIQ	180.3380, 40.3910, 11.3910

Conversions

Conversions Part 2

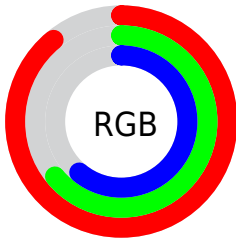
Format	Color
R _Y B	226, 163, 155
Decimal	14852763
CIE Lab	72.48, 22.79, 13.07
CIE LCh	72, 26.275, 29.838
Yxy	44.3760, 0.3817, 0.3374
Android (android.graphics.Color)	4293042843 (0xFFE2A29B)
YUV	180.3380, -12.4916, 40.0456
Hunter-Lab	66.6153, 17.9394, 13.7618

Details

The YUV color **180.3380, -12.4916, 40.0456** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **200.6620, 12.4916, -40.0456**, and the grayscale version is **180.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **227.4500, -9.0958, 24.1614**, and **126.9570, -11.3178, 36.8717** is the 20% darker color. If you saturate the color by 10%, you get **165.9760, -16.7502, 52.6410**, and if you desaturate by 10%, it is **194.7000, -8.2331, 27.4501**.

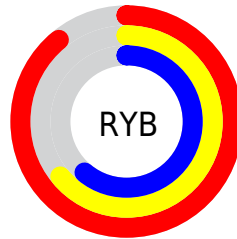
Distribution



Red (89%)

Green (64%)

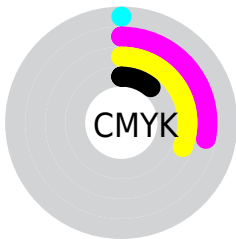
Blue (61%)



Red (89%)

Yellow (64%)

Blue (61%)

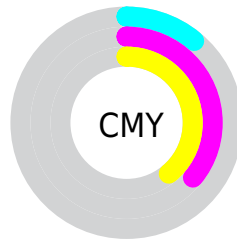


Cyan (0%)

Magenta (28%)

Yellow (31%)

Black (11%)



Cyan (11%)

Magenta (36%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the YUV color 180.3380, -12.4916, 40.0456 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 180.3380, -12.4916, 40.0456 by changing the saturation by 10% instead.

■ 180.3380,
-12.4916, 40.0456

■ 180.3380,
-12.4916, 40.0456

■ 255.0000, 0.0000,
0.0000

■ 153.4410,
-12.0494, 38.2012

■ 227.4500, -9.0958,
24.1614

■ 126.9570,
-11.3178, 36.8717

■ 247.7790, -4.8210,
6.3328

■ 101.4730,
-10.5862, 35.5422

■ 76.6900, -9.7072,
33.5979

■ 53.4940, -9.1175,
31.1388

■ 29.8250, -7.8017,
29.0945

■ 12.2590, -6.0437,

25.2059

0.0000, 0.0000,
0.0000

180.3380,
-12.4916, 40.0456

180.3380,
-12.4916, 40.0456

165.9760,
-16.7502, 52.6410

194.7000, -8.2331,
27.4501

151.1410,
-20.2825, 65.6513

209.5350, -4.7008,
14.4398

136.7790,
-24.5410, 78.2468

223.8970, -0.4422,
1.8443

122.5310,
-28.3628, 90.7423

238.1450, 3.3795,
-10.6512

107.5820,
-32.3319, 103.8526

246.3290, 4.2748,
-17.8285

■ 93.2200, -36.5905,
116.4481

■ 80.4880, -39.6806,
127.6140

Harmonies

Analogous

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



181.3020, -1.1349, 37.4461



180.3380, -12.4916, 40.0456



178.5190, -20.4689, 31.9938

Triad

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



180.3380, -12.4916, 40.0456



170.8430, -8.7966, -25.2953



175.5620, 24.3729, -24.1719

Complementary

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



180.3380, -12.4916, 40.0456



200.6620, 12.4916, -40.0456

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.



170.0170, 24.1486, -45.6189



180.3380, -12.4916, 40.0456



167.5770, 4.6455, -43.4790

Square

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



180.3380, -12.4916, 40.0456



174.3420, -18.9026, -3.8079



167.0240, 16.7502, -52.6410



180.0490, 19.2028, 0.8340

Rectangle

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



180.3380, -12.4916, 40.0456



177.1820, -22.7677, 22.6424



167.0240, 16.7502, -52.6410



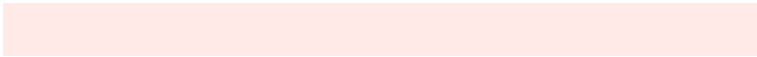
173.3330, 24.9788, -31.8640

Sweetspot

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



180.3380, -12.4916, 40.0456



240.0510, -3.9691, 13.1103



183.6390, 17.9260, 37.1506



118.6590, -2.7899, 8.1921



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.



180.3380, -12.4916, 40.0456



192.8730, -17.1924, 54.4854



200.2960, -22.3309, 22.5424



104.8760, -1.9109, 6.2477



62.6030, -30.8633, 99.4492



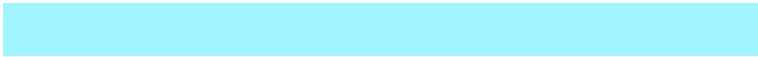
17.2870, -8.5225, 26.9353

Inverse Universe

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



200.6620, 12.4916, -40.0456



220.1270, 17.1924, -54.4854



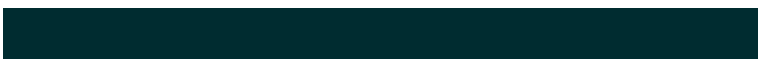
180.7040, 22.3309, -22.5424



108.1240, 1.9109, -6.2477



113.3970, 30.8633, -99.4492



31.3000, 8.2331, -27.4501

Previews

White Background



This preview shows how the YUV color 180.3380, -12.4916, 40.0456 looks on a white background.

Color Contrast Check

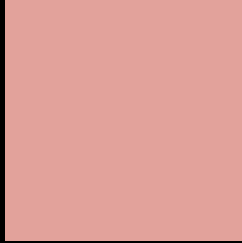
Large Text (above 18pt) WCAG AA × Fail

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 180.3380, -12.4916, 40.0456 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 180.3380, -12.4916, 40.0456

Background



This preview shows how black text looks on a background with the YUV color 180.3380, -12.4916, 40.0456.



This preview shows how white text looks on a background with the YUV color 180.3380, -12.4916, 40.0456.

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

180.3380, -12.4916, 40.0456

Protanopia

178.3830, -7.5838, 5.8031

Deuteranopia

178.8150, -12.7268, 22.0872



Tritanopia

181.1130, -4.4927, 41.1199

Trichromacy



Original Color

180.3380, -12.4916, 40.0456

Protanomaly

179.0040, -9.3690, 18.4135

Deuteranomaly

179.5600, -12.6011, 28.4499

Tritanomaly

180.7170, -7.2555, 40.5902

Monochromacy



Original Color

180.3380, -12.4916, 40.0456

Achromatopsia

180.0000, 0.0000, 0.0000

Achromatomaly

179.9480, -4.4114, 14.9546

CSS Examples

Text

The CSS property to change the color of the text to YUV 180.3380, -12.4916, 40.0456 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(226, 162, 155)` looks like.

```
.text, #text, p{  
    color:rgb(226, 162, 155)  
}
```

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(226, 162, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 162, 155) }
```

Border

The CSS property to change the border of an element to YUV 180.3380, -12.4916, 40.0456 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(226, 162, 155) }
```


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

```
.border{ border-color:rgb(226, 162, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 162, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(226, 162, 155); -webkit-box-shadow:4px 4px 4px 4px rgb(226, 162, 155); box-shadow:4px 4px 4px 4px rgb(226, 162, 155) }
```

Background

The CSS property to change the background color of an element to YUV 180.3380, -12.4916, 40.0456 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 162, 155) }
```

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

```
.background{ background-color: rgb(226,  
162, 155) }
```

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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