

Converting Colors

YUV(98.9560, -3.4293, -20.1324)

Have a look what the booklet for
YUV(98.9560, -3.4293, -20.1324)
contains.

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Color

**YUV(98.9560, -3.4293,
-20.1324)**

Conversions

Conversions Part 1

Format	Color
Hex	4C705C
RGB	76, 112, 92
RGB Percent	30%, 44%, 36%
CMY	0.7020, 0.5608, 0.6392
CMYK	0.32, 0.00, 0.18, 0.56
HSL	147°, 19%, 37%
HSV	147°, 32%, 44%
XYZ	10.7064, 13.8975, 12.2434
YIQ	98.9560, -15.0360, -13.8520

Conversions

Conversions Part 2

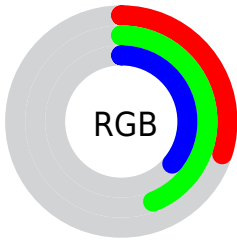
Format	Color
RYB	76, 101, 112
Decimal	5009500
CIELab	44.09, -17.51, 7.06
CIELCh	44, 18.885, 158.039
Yxy	13.8975, 0.2906, 0.3772
Android (android.graphics.Color)	4283199580 (0xFF4C705C)
YUV	98.9560, -3.4293, -20.1324
Hunter-Lab	37.2794, -13.9748, 6.6234

Details

The YUV color $98.9560, -3.4293, -20.1324$ is a dark color, and the websafe version is hex 336666 . A complement of this color would be $89.0440, 3.4293, 20.1324$, and the grayscale version is $99.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $150.1300, -4.0081, -21.1620$, and $51.4830, -2.7031, -19.7176$ is the 20% darker color. If you saturate the color by 10%, you get $94.9830, -4.4286, -26.2951$, and if you desaturate by 10%, it is $102.9290, -2.4300, -13.9697$.

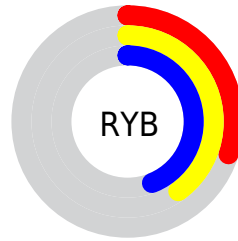
Distribution



Red (30%)

Green (44%)

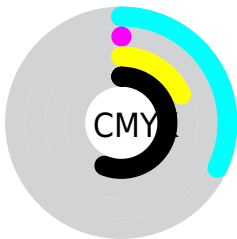
Blue (36%)



Red (30%)

Yellow (40%)

Blue (44%)

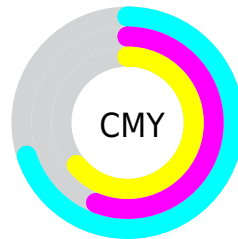


Cyan (32%)

Magenta (0%)

Yellow (18%)

Black (56%)



Cyan (70%)

Magenta (56%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YUV color 98.9560, -3.4293, -20.1324 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 98.9560, -3.4293, -20.1324 by changing the saturation by 10% instead.

■ 98.9560, -3.4293,
-20.1324

■ 98.9560, -3.4293,
-20.1324

■ 255.0000, 0.0000,
0.0000

■ 74.3690, -3.1399,
-19.6176

■ 150.1300, -4.0081,
-21.1620

■ 51.4830, -2.7031,
-19.7176

■ 176.8310, -3.8607,
-21.7768

■ 29.2980, -2.1189,
-20.4323

■ 204.4180, -4.1501,
-22.2916

■ 13.5010, -6.6560,
-11.8404

■ 233.0050, -4.4395,
-22.8064

■ 0.0000, 0.0000,
0.0000

■ 248.6780, 1.6377,
-11.9956

■ 98.9560, -3.4293,
-20.1324

■ 98.9560, -3.4293,
-20.1324

■ 94.9830, -4.4286,
-26.2951

■ 102.9290, -2.4300,
-13.9697

■ 91.0100, -5.4279,
-32.4578

■ 106.9020, -1.4307,
-7.8071

■ 86.6240, -6.7166,
-39.1352

■ 111.2880, -0.1420,
-1.1296

■ 82.6510, -7.7159,
-45.2979

■ 115.2610, 0.8573,
5.0331

■ 78.6780, -8.7153,
-51.4606

■ 119.2340, 1.8566,
11.1958

■ 74.7050, -9.7146,
-57.6233

■ 123.2070, 2.8559,
17.3585

■ 71.4440, -10.5719,
-62.6564

■ 127.2940, 4.2921,
23.4212

■ 131.5660, 5.1440,

30.1986

■ 135.5390, 6.1433,
36.3613

Harmonies

Analogous

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



101.0950, -10.8928, -6.2223



98.9560, -3.4293, -20.1324



96.8820, 5.4812, -31.4685

Triad

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



98.9560, -3.4293, -20.1324



103.6470, 15.4570, -11.0914



105.6350, -9.6801, 24.8761

Complementary

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



98.9560, -3.4293, -20.1324



89.0440, 3.4293, 20.1324

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.



106.3560, -3.1335, 25.1208



98.9560, -3.4293, -20.1324



106.3070, 11.1876, 4.9928

Square

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



98.9560, -3.4293, -20.1324



99.7760, 16.3794, -26.9906



106.6740, 4.5977, 18.7029



104.4510, -14.0263, 18.8985

Rectangle

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



98.9560, -3.4293, -20.1324



96.8260, 10.4388, -34.9274



106.6740, 4.5977, 18.7029



106.1020, -7.9383, 26.2205

Sweetspot

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



98.9560, -3.4293, -20.1324



139.9020, -1.4307, -7.8071



103.1120, -13.3662, -6.2372



70.7390, -0.8573, -5.0331



201.0000, 0.0000, 0.0000



74.0000, 0.0000, 0.0000

Same Dimension

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



98.9560, -3.4293, -20.1324



124.7220, -5.2859, -31.3282



101.0080, 4.4331, -21.9320



53.8640, -0.4260, -3.3887



76.4820, -11.5766, -67.0747



157.5290, -23.4318, -138.1529

Inverse Universe

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



89.0440, 3.4293, 20.1324



109.2780, 5.2859, 31.3282



86.9920, -4.4331, 21.9320



52.2500, 0.8628, 3.2888



43.5180, 11.5766, 67.0747



89.4710, 23.4318, 138.1529

Previews

White Background



This preview shows how the YUV color 98.9560, -3.4293, -20.1324 looks on a white 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

Black Background



This preview shows how the YUV color 98.9560, -3.4293, -20.1324 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

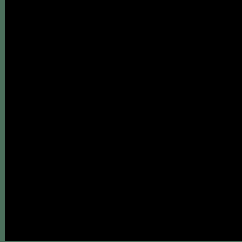
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 98.9560, -3.4293, -20.1324 Background



This preview shows how black text looks on a background with the YUV color 98.9560, -3.4293, -20.1324.



This preview shows how white text looks on a background with the YUV color 98.9560, -3.4293,

-20.1324.

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

98.9560, -3.4293, -20.1324

Protanopia

103.6710, -7.7258, 4.6735

Deuteranopia

104.3990, -5.1267, 11.0511



Tritanopia

101.5400, 7.6218, -18.0136

Trichromacy



Original Color

98.9560, -3.4293, -20.1324

Protanomaly

101.9580, -6.3883, -4.3482

Deuteranomaly

102.1480, -4.5100, -0.1298

Tritanomaly

100.5030, 3.6960, -18.8581

Monochromacy



Original Color

98.9560, -3.4293, -20.1324

Achromatopsia

99.0000, 0.0000, 0.0000

Achromatomaly

99.2010, -1.5781, -7.1923

CSS Examples

Text

The CSS property to change the color of the text to YUV 98.9560, -3.4293, -20.1324 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(76, 112, 92)` looks like.

```
.text, #text, p{  
    color:rgb(76, 112, 92)  
}
```

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(76, 112, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 112, 92) }
```

Border

The CSS property to change the border of an element to YUV 98.9560, -3.4293, -20.1324 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(76, 112, 92) }
```


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

```
.border{ border-color:rgb(76, 112, 92) }
```

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

Here you see how a box with a 4 pixel rgb(76, 112, 92) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 112, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 112, 92);  
box-shadow:4px 4px 4px 4px rgb(76, 112,  
92) }
```

Background

The CSS property to change the background color of an element to YUV 98.9560, -3.4293, -20.1324 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 112, 92) }
```

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

```
.background{ background-color: rgb(76, 112,  
92) }
```

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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