

Converting Colors

YUV(98.9910, 40.4304,
-41.2111)

Have a look what the booklet for
YUV(98.9910, 40.4304, -41.2111)
contains.

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Color

**YUV(98.9910, 40.4304,
-41.2111)**

Conversions

Conversions Part 1

Format	Color
Hex	346BB5
RGB	52, 107, 181
RGB Percent	20%, 42%, 71%
CMY	0.7961, 0.5804, 0.2902
CMYK	0.71, 0.41, 0.00, 0.29
HSL	214°, 55%, 46%
HSV	214°, 71%, 71%
XYZ	15.0144, 14.5817, 45.7393
YIQ	98.9910, -56.5340, 11.3540

Conversions

Conversions Part 2

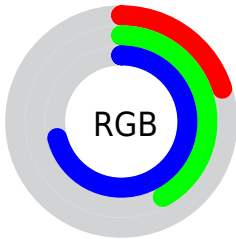
Format	Color
R_{YB}	52, 91, 181
Decimal	3435445
CIE _{Lab}	45.06, 7.12, -44.52
CIE _{LCh}	45, 45.083, 279.082
Yxy	14.5817, 0.1993, 0.1936
Android (android.graphics.Color)	4281625525 (0xFF346BB5)
YUV	98.9910, 40.4304, -41.2111
Hunter-Lab	38.1859, 3.3592, -44.2877

Details

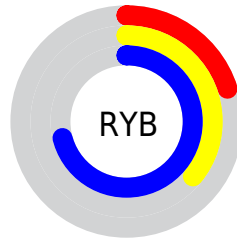
The YUV color **98.9910, 40.4304, -41.2111** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **134.0090, -40.4304, 41.2111**, and the grayscale version is **99.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **153.8500, 40.9930, -34.9484**, and **49.8120, 38.5467, -43.6851** is the 20% darker color. If you saturate the color by 10%, you get **87.7390, 45.9777, -47.1291**, and if you desaturate by 10%, it is **110.2430, 34.8832, -35.2931**.

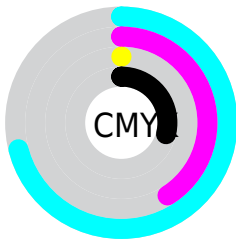
Distribution



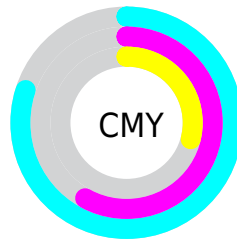
- Red (20%)
- Green (42%)
- Blue (71%)



- Red (20%)
- Yellow (36%)
- Blue (71%)



- Cyan (71%)
- Magenta (41%)
- Yellow (0%)
- Black (29%)



- Cyan (80%)
- Magenta (58%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the YUV color 98.9910, 40.4304, -41.2111 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 98.9910, 40.4304, -41.2111 by changing the saturation by 10% instead.

■ 98.9910, 40.4304,
-41.2111

■ 98.9910, 40.4304,
-41.2111

■ 255.0000, 0.0000,
0.0000

■ 66.2770, 43.2474,
-58.1249

■ 153.8500, 40.9930,
-34.9484

■ 49.8120, 38.5467,
-43.6851

■ 180.4220, 36.7670,
-32.8191

■ 34.5210, 33.2671,
-30.2749

■ 204.9420, 24.6786,
-28.8901

■ 20.0450, 28.5718,
-17.5795

■ 230.6360, 12.0115,
-25.9908

■ 9.0910, 22.1401,
-7.9728

■ 247.8240, 3.5378,
-14.7546

■ 4.8220, 13.3988,
-4.2289

■ 0.4560, 1.7472,

-0.3999

■ 0.0000, 0.0000,
0.0000

■ 98.9910, 40.4304,
-41.2111

■ 98.9910, 40.4304,
-41.2111

■ 87.7390, 45.9777,
-47.1291

■ 110.2430, 34.8832,
-35.2931

■ 75.9000, 51.8143,
-52.5323

■ 122.0820, 29.0466,
-29.8899

■ 65.8330, 56.7773,
-57.7355

■ 133.3340, 23.4993,
-23.9719

■ 145.1730, 17.6627,
-18.5687

■ 156.7240, 11.9681,
-12.0359

■ 167.9760, 6.4208,
-6.1180

■ 179.8150, 0.5842,
-0.7148

■ 191.0670, -4.9630,
5.2032

■ 202.3190,
-10.5103, 11.1212

Harmonies

Analogous

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



89.4440, 43.1651, -78.4424



98.9910, 40.4304, -41.2111



109.5910, 27.3166, 11.7597

Triad

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



98.9910, 40.4304, -41.2111



104.4450, -21.4184, 56.6147



81.0930, -1.5248, -71.1186

Complementary

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



98.9910, 40.4304, -41.2111



134.0090, -40.4304, 41.2111

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.



96.7070, -25.9846, -19.0370



98.9910, 40.4304, -41.2111



103.8930, -34.4572, 38.6818

Square

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



98.9910, 40.4304, -41.2111



105.6470, -4.2630, 60.8226



100.9300, -37.4335, 13.2164



86.7130, 14.9315, -76.0473

Rectangle

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



98.9910, 40.4304, -41.2111



109.3400, 18.0734, 36.5358



100.9300, -37.4335, 13.2164



89.6030, -11.6363, -47.8868

Sweetspot

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



98.9910, 40.4304, -41.2111



203.0270, 15.7627, -15.8097



136.0450, -5.4452, -73.7075



98.3500, 9.1945, -9.0769



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000

Same Dimension

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



98.9910, 40.4304, -41.2111



106.5100, 63.3456, -64.4683



69.3970, 55.0203, -7.3642



83.3740, 2.7736, -2.9590



55.5970, 48.0197, -48.7586



9.4210, 8.1734, -8.2622

Inverse Universe

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



96.8410, 5.0084, 73.8074



103.2020, 7.7884, 115.5868



163.6030, -55.0203, 7.3642



83.1470, 0.4205, 5.1331



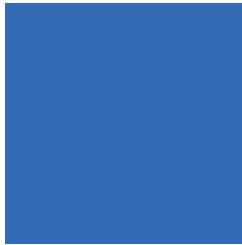
53.1570, 5.8386, 87.5623



9.0280, 0.9722, 14.8844

Previews

White Background



This preview shows how the YUV color 98.9910, 40.4304, -41.2111 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 98.9910, 40.4304, -41.2111 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

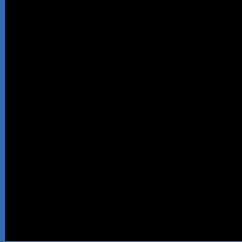
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 98.9910, 40.4304, -41.2111

Background



This preview shows how black text looks on a background with the YUV color 98.9910, 40.4304, -41.2111.



This preview shows how white text looks on a background with the YUV color 98.9910, 40.4304, -41.2111.

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

98.9910, 40.4304, -41.2111

Protanopia

103.7650, 36.5979, -25.2269

Deuteranopia

98.6920, 40.5778, -41.8259

Trichromacy



Original Color

98.9910, 40.4304, -41.2111

Protanomaly

102.0740, 37.9245, -30.7599

Deuteranomaly

98.6920, 40.5778, -41.8259

Monochromacy



Original Color

98.9910, 40.4304, -41.2111

Achromatopsia

99.0000, 0.0000, 0.0000

Achromatomaly

99.0980, 14.7417, -14.9949

CSS Examples

Text

The CSS property to change the color of the text to YUV 98.9910, 40.4304, -41.2111 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(52, 107, 181)` looks like.

```
.text, #text, p{  
    color:rgb(52, 107, 181)  
}
```

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(52, 107, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(52, 107, 181) }
```

Border

The CSS property to change the border of an element to YUV 98.9910, 40.4304, -41.2111 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(52, 107, 181) }
```

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

```
.border{ border-color:rgb(52, 107, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(52, 107, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(52, 107, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(52, 107, 181);  
box-shadow:4px 4px 4px 4px rgb(52, 107,  
181) }
```


Background

The CSS property to change the background color of an element to YUV 98.9910, 40.4304, -41.2111 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(52, 107, 181) }
```

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

```
.background{ background-color: rgb(52, 107,  
181) }
```

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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