

Converting Colors

YUV(112.0140, 52.2511,
-52.6323)

Have a look what the booklet for
YUV(112.0140, 52.2511, -52.6323)
contains.

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Color

**YUV(112.0140, 52.2511,
-52.6323)**

Conversions

Conversions Part 1

Format	Color
Hex	347ADA
RGB	52, 122, 218
RGB Percent	20%, 48%, 85%
CMY	0.7961, 0.5216, 0.1451
CMYK	0.76, 0.44, 0.00, 0.15
HSL	215°, 69%, 53%
HSV	215°, 76%, 85%
XYZ	21.0306, 19.7111, 69.0259
YIQ	112.0140, -72.5360, 15.0160

Conversions

Conversions Part 2

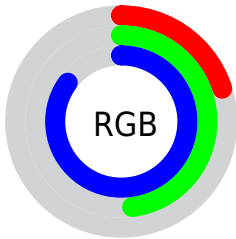
Format	Color
R _Y B	52, 101, 218
Decimal	3439322
CIE Lab	51.51, 11.43, -55.41
CIE LCh	52, 56.581, 281.656
Yxy	19.7111, 0.1916, 0.1796
Android (android.graphics.Color)	4281629402 (0xFF347ADA)
YUV	112.0140, 52.2511, -52.6323
Hunter-Lab	44.3972, 6.8590, -61.1022

Details

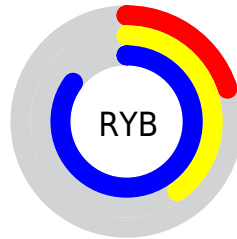
The YUV color **112.0140, 52.2511, -52.6323** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark muted azure. A complement of this color would be **157.9860, -52.2511, 52.6323**, and the grayscale version is **112.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **167.3870, 43.1932, -40.6814**, and **61.9060, 49.3463, -54.2916** is the 20% darker color. If you saturate the color by 10%, you get **97.8050, 59.2561, -59.4650**, and if you desaturate by 10%, it is **126.2230, 45.2461, -45.7996**.

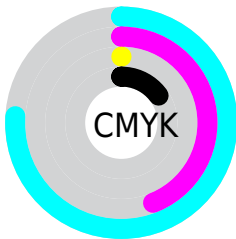
Distribution



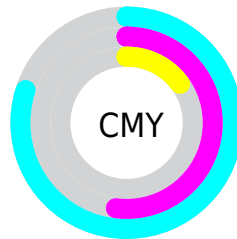
- Red (20%)
- Green (48%)
- Blue (85%)



- Red (20%)
- Yellow (40%)
- Blue (85%)



- Cyan (76%)
- Magenta (44%)
- Yellow (0%)
- Black (15%)



- Cyan (80%)
- Magenta (52%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YUV color 112.0140, 52.2511, -52.6323 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 112.0140, 52.2511, -52.6323 by changing the saturation by 10% instead.

■ 112.0140, 52.2511,
-52.6323

■ 112.0140, 52.2511,
-52.6323

255.0000, 0.0000,
0.0000

■ 79.1860, 54.6313,
-69.4461

■ 167.3870, 43.1932,
-40.6814

■ 61.9060, 49.3463,
-54.2916

■ 192.5050, 30.8100,
-35.5229

■ 46.6150, 44.0668,
-40.8814

■ 217.9110, 18.2849,
-31.4939

■ 31.9110, 38.4979,
-27.9859

■ 242.1430, 6.3385,
-26.4354

■ 14.3860, 34.8127,
-12.6165

■ 251.4120, 1.7689,
-7.3773

■ 10.4760, 24.9083,
-9.1875

■ 5.5060, 16.0195,

-4.8288

■ 2.2970, 6.2626,
-2.0145

■ 0.0000, 0.0000,
0.0000

■ 112.0140, 52.2511,
-52.6323

■ 112.0140, 52.2511,
-52.6323

■ 97.8050, 59.2561,
-59.4650

■ 126.2230, 45.2461,
-45.7996

■ 84.1830, 65.9718,
-66.8125

■ 139.8450, 38.5304,
-38.4521

■ 78.8560, 68.5980,
-69.1567

■ 153.7550, 31.6728,
-32.2341

■ 167.3770, 24.9571,
-24.8866

■ 181.5860, 17.9521,
-18.0539

■ 195.7950, 10.9471,
-11.2212

■ 209.4170, 4.2314,
-3.8737

■ 223.3270, -2.6262,
2.3442

■ 236.9490, -9.3419,
9.6917

Harmonies

Analogous

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



104.3420, 54.5544, -91.5079



112.0140, 52.2511, -52.6323



126.1820, 34.4203, 20.0114

Triad

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



112.0140, 52.2511, -52.6323



118.8830, -29.0293, 71.1396



94.2010, -2.0711, -82.6143

Complementary

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



112.0140, 52.2511, -52.6323



157.9860, -52.2511, 52.6323

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.



108.4470, -31.7724, -29.3330



112.0140, 52.2511, -52.6323



117.5060, -47.5775, 46.9142

Square

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



112.0140, 52.2511, -52.6323



118.8990, -6.3592, 79.8956



113.1030, -53.2948, 13.9417



101.1890, 19.6268, -88.7428

Rectangle

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



112.0140, 52.2511, -52.6323



125.1660, 22.1032, 50.7204



113.1030, -53.2948, 13.9417



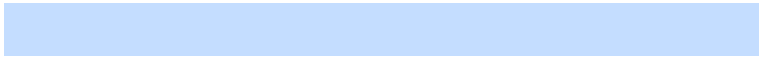
91.7900, -8.7705, -80.4998

Sweetspot

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



112.0140, 52.2511, -52.6323



217.4010, 18.5363, -18.7687



160.1580, -6.9799, -94.8546



104.9090, 11.3839, -11.3212



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.



112.0140, 52.2511, -52.6323



106.9740, 72.9768, -73.6452



74.2130, 70.8870, -9.8338



102.6020, 3.6472, -3.1590



62.5730, 54.4405, -54.8765



16.3970, 14.5943, -14.3802

Inverse Universe

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



109.6140, 6.1063, 95.0545



103.5400, 8.6078, 132.8304



195.7870, -70.8870, 9.8338



102.7450, 0.1257, 6.3626



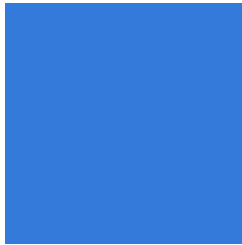
60.0490, 6.3848, 99.0580



15.9200, 1.5184, 26.3802

Previews

White Background



This preview shows how the YUV color 112.0140, 52.2511, -52.6323 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 112.0140, 52.2511, -52.6323 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

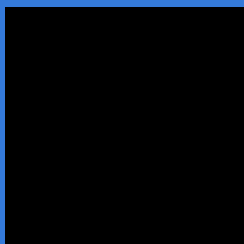
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

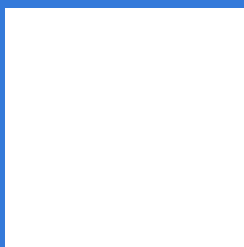
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 112.0140, 52.2511, -52.6323

Background



This preview shows how black text looks on a background with the YUV color 112.0140, 52.2511, -52.6323.



This preview shows how white text looks on a background with the YUV color 112.0140, 52.2511, -52.6323.

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

112.0140, 52.2511, -52.6323

Protanopia

117.6850, 47.9763, -34.8037

Deuteranopia

106.6100, 54.9153, -67.1870



Tritanopia

96.4760, 24.4153, -84.6095

Trichromacy



Original Color

112.0140, 52.2511, -52.6323

Protanomaly

115.6950, 49.4504, -40.9515

Deuteranomaly

108.4150, 54.0254, -61.7540

Tritanomaly

102.1860, 34.4183, -72.9541

Monochromacy



Original Color

112.0140, 52.2511, -52.6323

Achromatopsia

112.0000, 0.0000, 0.0000

Achromatomaly

112.2160, 19.1205, -19.4834

CSS Examples

Text

The CSS property to change the color of the text to YUV 112.0140, 52.2511, -52.6323 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, 122, 218)` looks like.

```
.text, #text, p{  
    color:rgb(52, 122, 218)  
}
```

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, 122, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(52, 122, 218) }
```

Border

The CSS property to change the border of an element to YUV 112.0140, 52.2511, -52.6323 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, 122, 218) }
```


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

```
.border{ border-color:rgb(52, 122, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(52, 122, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(52, 122, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(52, 122, 218);  
box-shadow:4px 4px 4px 4px rgb(52, 122,  
218) }
```

Background

The CSS property to change the background color of an element to YUV 112.0140, 52.2511, -52.6323 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(52, 122, 218) }
```

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

```
.background{ background-color: rgb(52, 122,  
218) }
```

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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