

Converting Colors

YUV(110.0090, 70.0016,
-52.6279)

Have a look what the booklet for
YUV(110.0090, 70.0016, -52.6279)
contains.

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Color

**YUV(110.0090, 70.0016,
-52.6279)**

Conversions

Conversions Part 1

Format	Color
Hex	3271FC
RGB	50, 113, 252
RGB Percent	20%, 44%, 99%
CMY	0.8039, 0.5569, 0.0118
CMYK	0.80, 0.55, 0.00, 0.01
HSL	221°, 97%, 59%
HSV	221°, 80%, 99%
XYZ	24.7912, 19.5166, 94.5559
YIQ	110.0090, -82.1670, 29.8730

Conversions

Conversions Part 2

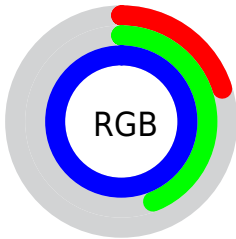
Format	Color
R_{YB}	50, 98, 252
Decimal	3305980
CIE _{Lab}	51.29, 29.44, -74.80
CIE _{LCh}	51, 80.386, 291.482
Yxy	19.5166, 0.1785, 0.1405
Android (android.graphics.Color)	4281496060 (0xFF3271FC)
YUV	110.0090, 70.0016, -52.6279
Hunter-Lab	44.1776, 22.8581, -95.9774

Details

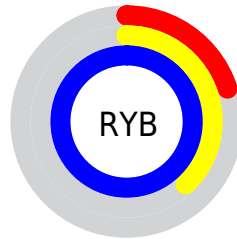
The YUV color **110.0090, 70.0016, -52.6279** is a dark color, and the websafe version is hex **0066FF**. The color can be described as middle washed azure. A complement of this color would be **191.9910, -70.0016, 52.6279**, and the grayscale version is **109.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **163.6100, 45.0553, -31.2300**, and **60.8580, 65.6390, -53.3725** is the 20% darker color. If you saturate the color by 10%, you get **92.5550, 78.6064, -59.2457**, and if you desaturate by 10%, it is **127.4630, 61.3967, -46.0101**.

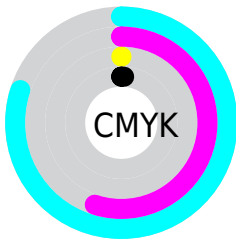
Distribution



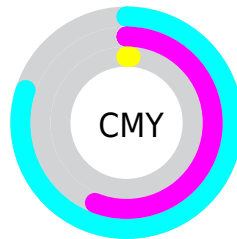
- Red (20%)
- Green (44%)
- Blue (99%)



- Red (20%)
- Yellow (38%)
- Blue (99%)



- Cyan (80%)
- Magenta (55%)
- Yellow (0%)
- Black (1%)



- Cyan (80%)
- Magenta (56%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the YUV color 110.0090, 70.0016, -52.6279 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 110.0090, 70.0016, -52.6279 by changing the saturation by 10% instead.

■ 110.0090, 70.0016,
-52.6279

■ 110.0090, 70.0016,
-52.6279

255.0000, 0.0000,
0.0000

■ 77.6650, 71.6502,
-68.1122

■ 163.6100, 45.0553,
-31.2300

■ 60.8580, 65.6390,
-53.3725

■ 189.0270, 32.5247,
-25.4567

■ 45.9260, 59.1965,
-40.2771

■ 215.0310, 19.7047,
-20.1982

■ 31.6950, 52.9014,
-27.7965

■ 240.7360, 7.0322,
-15.5545

■ 14.6430, 48.4900,
-12.8419

■ 16.9620, 34.5287,
-14.8757

■ 10.7040, 25.7819,

-9.3874

■ 6.3210, 16.6037,
-5.5435

■ 2.6390, 7.5730,
-2.3144

■ 110.0090, 70.0016,
-52.6279

■ 110.0090, 70.0016,
-52.6279

■ 92.5550, 78.6064,
-59.2457

■ 127.4630, 61.3967,
-46.0101

■ 75.1010, 87.2112,
-65.8636

■ 145.5040, 52.5025,
-39.9070

■ 163.2570, 43.7503,
-32.6744

■ 180.7110, 35.1455,
-26.0565

■ 198.7520, 26.2513,
-19.9535

■ 216.2060, 17.6464,
-13.3357

■ 233.6600, 9.0416,
-6.7178

■ 252.0000, 0.0000,
0.0000

■ 254.6580, -1.3104,
0.2999

Harmonies

Analogous

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



109.4890, 71.7369, -96.0219



110.0090, 70.0016, -52.6279



121.9810, 42.9004, 53.5137

Triad

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



110.0090, 70.0016, -52.6279



109.1740, -53.8228, 90.1784



99.4500, 0.2711, -87.2177

Complementary

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



110.0090, 70.0016, -52.6279



191.9910, -70.0016, 52.6279

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.



87.2810, -33.6625, -76.5454



110.0090, 70.0016, -52.6279



115.0790, -56.7339, 43.7807

Square

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



110.0090, 70.0016, -52.6279



96.9630, -9.8418, 123.6894



108.2700, -53.3771, -6.3758



108.1310, 30.9944, -94.8309

Rectangle

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



110.0090, 70.0016, -52.6279



107.7110, 29.2295, 98.4775



108.2700, -53.3771, -6.3758



95.4260, -10.0700, -83.6886

Sweetspot

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



110.0090, 70.0016, -52.6279



212.1070, 21.1462, -15.8798



184.3060, 1.8211, -117.7864



101.6750, 12.9782, -9.3620



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.



110.0090, 70.0016, -52.6279



83.1290, 84.7324, -64.1341



84.0910, 82.7791, 2.5512



115.8300, 4.5208, -3.3589



56.1790, 65.4808, -49.2690



18.1070, 21.1462, -15.8798

Inverse Universe

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



117.5800, -2.2579, 117.8863



92.0330, -2.4813, 142.9221



217.9090, -82.7791, -2.5512



116.3430, -0.1691, 7.5922



63.2370, -2.0888, 110.2942



20.4050, -0.6927, 35.6018

Previews

White Background



This preview shows how the YUV color 110.0090, 70.0016, -52.6279 looks on a white background.

Color Contrast Check

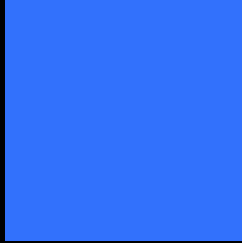
Large Text (above 18pt) WCAG AA ✓ Pass

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 110.0090, 70.0016, -52.6279 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

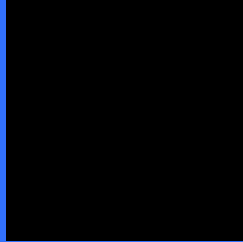
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 110.0090, 70.0016, -52.6279

Background



This preview shows how black text looks on a background with the YUV color 110.0090, 70.0016, -52.6279.



This preview shows how white text looks on a background with the YUV color 110.0090, 70.0016, -52.6279.

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

110.0090, 70.0016, -52.6279

Protanopia

96.9510, 74.4672, -85.0260

Deuteranopia

97.1840, 57.5903, -85.2304



Tritanopia

95.6610, 23.8311, -83.8947

Trichromacy



Original Color

110.0090, 70.0016, -52.6279

Protanomaly

101.8600, 72.5400, -73.5452

Deuteranomaly

101.8140, 62.2097, -73.5049

Tritanomaly

100.7930, 40.5281, -72.6095

Monochromacy



Original Color

110.0090, 70.0016, -52.6279

Achromatopsia

110.0000, 0.0000, 0.0000

Achromatomaly

109.9370, 25.6671, -19.2387

CSS Examples

Text

The CSS property to change the color of the text to YUV 110.0090, 70.0016, -52.6279 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(50, 113, 252)` looks like.

```
.text, #text, p{  
  color:rgb(50, 113, 252)  
}
```

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(50, 113, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(50, 113, 252) }
```

Border

The CSS property to change the border of an element to YUV 110.0090, 70.0016, -52.6279 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(50, 113, 252) }
```


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

```
.border{ border-color:rgb(50, 113, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(50, 113, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(50, 113, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(50, 113, 252);  
box-shadow:4px 4px 4px 4px rgb(50, 113,  
252) }
```

Background

The CSS property to change the background color of an element to YUV 110.0090, 70.0016, -52.6279 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(50, 113, 252) }
```

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

```
.background{ background-color: rgb(50, 113,  
252) }
```

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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