

Converting Colors

YUV(112.8070, 56.2971,
-43.6807)

Have a look what the booklet for
YUV(112.8070, 56.2971, -43.6807)
contains.

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Color

**YUV(112.8070, 56.2971,
-43.6807)**

Conversions

Conversions Part 1

Format	Color
Hex	3F74E3
RGB	63, 116, 227
RGB Percent	25%, 45%, 89%
CMY	0.7529, 0.5451, 0.1098
CMYK	0.72, 0.49, 0.00, 0.11
HSL	221°, 75%, 57%
HSV	221°, 72%, 89%
XYZ	22.1604, 19.0936, 75.1905
YIQ	112.8070, -67.2190, 23.2850

Conversions

Conversions Part 2

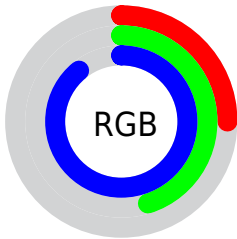
Format	Color
R _{YB}	63, 103, 227
Decimal	4158691
CIE Lab	50.80, 19.82, -61.61
CIE LCh	51, 64.723, 287.835
Yxy	19.0936, 0.1903, 0.1640
Android (android.graphics.Color)	4282348771 (0xFF3F74E3)
YUV	112.8070, 56.2971, -43.6807
Hunter-Lab	43.6962, 14.0574, -71.4362

Details

The YUV color **112.8070, 56.2971, -43.6807** is a dark color, and the websafe version is hex **3366CC**. The color can be described as middle washed azure. A complement of this color would be **177.1930, -56.2971, 43.6807**, and the grayscale version is **112.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **165.9690, 43.8923, -31.5448**, and **59.9970, 54.7245, -52.6174** is the 20% darker color. If you saturate the color by 10%, you get **97.1250, 64.0284, -50.0986**, and if you desaturate by 10%, it is **128.4890, 48.5659, -37.2629**.

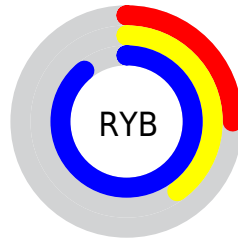
Distribution



Red (25%)

Green (45%)

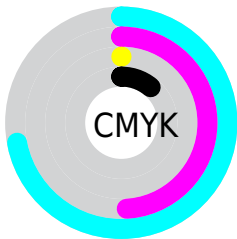
Blue (89%)



Red (25%)

Yellow (40%)

Blue (89%)

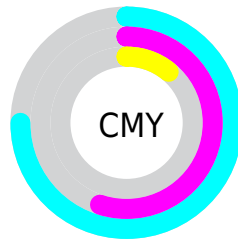


Cyan (72%)

Magenta (49%)

Yellow (0%)

Black (11%)



Cyan (75%)

Magenta (55%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YUV color 112.8070, 56.2971, -43.6807 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 112.8070, 56.2971, -43.6807 by changing the saturation by 10% instead.

■ 112.8070, 56.2971,
-43.6807

■ 112.8070, 56.2971,
-43.6807

255.0000, 0.0000,
0.0000

■ 77.2880, 60.0040,
-66.0276

■ 165.9690, 43.8923,
-31.5448

■ 59.9970, 54.7245,
-52.6174

■ 191.0870, 31.5091,
-26.3863

■ 44.5920, 49.0081,
-39.1072

■ 216.4930, 18.9840,
-22.3574

■ 29.7740, 43.0024,
-26.1118

■ 242.7850, 6.0220,
-18.2284

■ 11.0750, 39.8960,
-9.7128

254.1030, 0.4422,
-1.8443

■ 11.7470, 27.2397,
-10.3021

■ 6.7770, 18.3509,

-5.9434

■ 3.2090, 9.7570,
-2.8143

■ 0.0000, 0.0000,
0.0000

■ 112.8070, 56.2971,
-43.6807

■ 112.8070, 56.2971,
-43.6807

■ 97.1250, 64.0284,
-50.0986

■ 128.4890, 48.5659,
-37.2629

■ 81.1550, 71.9016,
-55.3869

■ 144.4590, 40.6927,
-31.9745

■ 68.7290, 78.0276,
-60.2753

■ 160.1410, 32.9615,
-25.5567

■ 175.8230, 25.2303,
-19.1388

■ 192.0920, 17.2096,
-13.2357

■ 207.4750, 9.6258,
-7.4326

■ 223.7440, 1.6052,
-1.5295

■ 239.4260, -6.1260,
4.8884

■ 251.2210,
-11.9410, 3.3142

Harmonies

Analogous

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



104.7640, 61.2483, -91.8780



112.8070, 56.2971, -43.6807



124.2100, 35.3925, 34.8958

Triad

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



112.8070, 56.2971, -43.6807



114.4400, -37.1919, 75.9131



95.4720, 0.2603, -83.7289

Complementary

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



112.8070, 56.2971, -43.6807



177.1930, -56.2971, 43.6807

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.



98.2980, -29.2339, -50.2503



112.8070, 56.2971, -43.6807



113.6060, -56.0078, 44.1955

Square

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



112.8070, 56.2971, -43.6807



111.9500, -10.3283, 93.0059



109.5210, -53.9939, 4.8051



103.1440, 24.5790, -90.4573

Rectangle

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



112.8070, 56.2971, -43.6807



119.2760, 22.0489, 68.1639



109.5210, -53.9939, 4.8051



92.7190, -7.7495, -81.3146

Sweetspot

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



112.8070, 56.2971, -43.6807



215.9500, 19.2517, -14.8651



171.6940, 0.1509, -95.3246



104.3330, 11.6678, -9.0620



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.



112.8070, 56.2971, -43.6807



100.5720, 76.1330, -59.2606



89.7690, 67.6549, 0.2026



106.7160, 4.0840, -3.2589



54.4520, 61.4022, -47.7544



15.2060, 17.6464, -13.3357

Inverse Universe

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



118.0780, -1.0245, 95.5246



107.5860, -1.2749, 129.2821



200.2310, -67.6549, -0.2026



107.0440, -0.0217, 6.9774



60.1330, -1.0516, 104.2464



17.0730, -0.5290, 29.7540

Previews

White Background



This preview shows how the YUV color 112.8070, 56.2971, -43.6807 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 112.8070, 56.2971, -43.6807 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

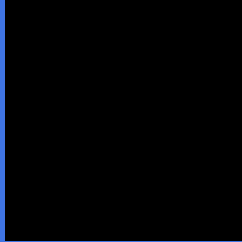
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

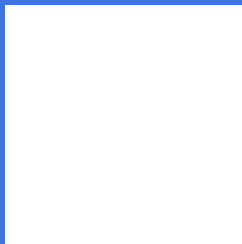
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 112.8070, 56.2971, -43.6807

Background



This preview shows how black text looks on a background with the YUV color 112.8070, 56.2971, -43.6807.



This preview shows how white text looks on a background with the YUV color 112.8070, 56.2971, -43.6807.

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

112.8070, 56.2971, -43.6807

Protanopia

111.6110, 56.8868, -46.1398

Deuteranopia

96.7110, 58.3165, -84.8155



Tritanopia

95.0740, 24.1205, -83.3799

Trichromacy



Original Color

112.8070, 56.2971, -43.6807

Protanomaly

111.9100, 56.7394, -45.5251

Deuteranomaly

102.2830, 57.5415, -69.5312

Tritanomaly

101.2620, 35.8598, -68.6358

Monochromacy



Original Color

112.8070, 56.2971, -43.6807

Achromatopsia

113.0000, 0.0000, 0.0000

Achromatomaly

112.8790, 20.2727, -15.6799

CSS Examples

Text

The CSS property to change the color of the text to YUV 112.8070, 56.2971, -43.6807 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(63, 116, 227)` looks like.

```
.text, #text, p{  
    color:rgb(63, 116, 227)  
}
```

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(63, 116, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 116, 227) }
```

Border

The CSS property to change the border of an element to YUV 112.8070, 56.2971, -43.6807 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(63, 116, 227) }
```


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

```
.border{ border-color:rgb(63, 116, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(63, 116, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(63, 116, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(63, 116, 227);  
box-shadow:4px 4px 4px 4px rgb(63, 116,  
227) }
```

Background

The CSS property to change the background color of an element to YUV 112.8070, 56.2971, -43.6807 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(63, 116, 227) }
```

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

```
.background{ background-color: rgb(63, 116,  
227) }
```

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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