

Converting Colors

YUV(112.0110, 63.5916,
-49.9986)

Have a look what the booklet for
YUV(112.0110, 63.5916, -49.9986)
contains.

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Color

**YUV(112.0110, 63.5916,
-49.9986)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|-----------------------------|
| Hex | 3774F1 |
| RGB | 55, 116, 241 |
| RGB Percent | 22%, 45%, 95% |
| CMY | 0.7843, 0.5451, 0.0549 |
| CMYK | 0.77, 0.52, 0.00, 0.05 |
| HSL | 220°, 87%, 58% |
| HSV | 220°, 77%, 95% |
| XYZ | 23.6981, 19.6539, 85.7636 |
| YIQ | 112.0110, -76.4810, 25.9430 |

Conversions

Conversions Part 2

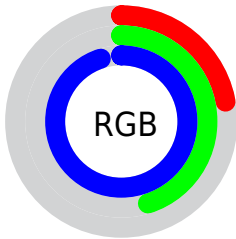
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 55, 101, 241 |
| Decimal | 3634417 |
| CIE Lab | 51.44, 23.99, -68.42 |
| CIE LCh | 51, 72.508, 289.324 |
| Yxy | 19.6539, 0.1835, 0.1522 |
| Android (android.graphics.Color) | 4281824497 (0xFF3774F1) |
| YUV | 112.0110, 63.5916, -49.9986 |
| Hunter-Lab | 44.3327, 17.8353, -83.6663 |

Details

The YUV color **112.0110, 63.5916, -49.9986** 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 **183.9890, -63.5916, 49.9986**, and the grayscale version is **111.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **165.3710, 44.1871, -32.7744**, and **61.4790, 60.4029, -53.9171** is the 20% darker color. If you saturate the color by 10%, you get **95.4430, 71.7596, -56.5165**, and if you desaturate by 10%, it is **128.5790, 55.4236, -43.4808**.

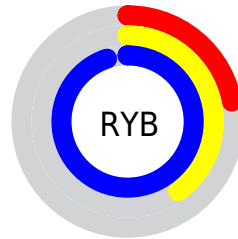
Distribution



Red (22%)

Green (45%)

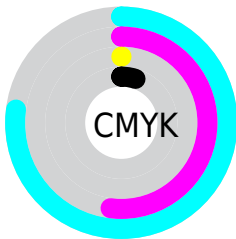
Blue (95%)



Red (22%)

Yellow (40%)

Blue (95%)

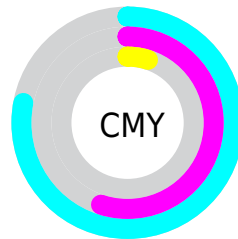


Cyan (77%)

Magenta (52%)

Yellow (0%)

Black (5%)



Cyan (78%)

Magenta (55%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the YUV color 112.0110, 63.5916, -49.9986 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 112.0110, 63.5916, -49.9986 by changing the saturation by 10% instead.

■ 112.0110, 63.5916,
-49.9986

■ 112.0110, 63.5916,
-49.9986

255.0000, 0.0000,
0.0000

■ 78.1720, 65.9772,
-68.5568

■ 165.3710, 44.1871,
-32.7744

■ 61.4790, 60.4029,
-53.9171

■ 190.4890, 31.8039,
-27.6159

■ 45.9600, 54.2497,
-40.3069

■ 216.4930, 18.9840,
-22.3574

■ 31.8430, 48.3914,
-27.9263

■ 242.7850, 6.0220,
-18.2284

■ 14.2040, 44.2694,
-12.4569

254.4020, 0.2948,
-1.2296

■ 14.7620, 31.1763,
-12.9463

■ 9.2050, 22.5769,

-8.0728

■ 4.8220, 13.3988,
-4.2289

■ 0.5700, 2.1840,
-0.4999

■ 112.0110, 63.5916,
-49.9986

■ 112.0110, 63.5916,
-49.9986

■ 95.4430, 71.7596,
-56.5165

■ 128.5790, 55.4236,
-43.4808

■ 78.8750, 79.9276,
-63.0344

■ 145.1470, 47.2555,
-36.9629

■ 73.8470, 82.4064,
-64.7638

■ 162.3020, 38.7981,
-30.9599

■ 178.8700, 30.6301,
-24.4420

■ 195.4380, 22.4621,
-17.9241

■ 212.3050, 14.1466,
-10.7915

■ 228.8730, 5.9786,
-4.2736

■ 246.0280, -2.4788,
1.7294

■ 253.4040, -6.1152,
1.3997

Harmonies

Analogous

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



108.4630, 67.8057, -95.1221



112.0110, 63.5916, -49.9986



124.2910, 39.2965, 42.7178

Triad

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



112.0110, 63.5916, -49.9986



113.6490, -44.1970, 82.7458



98.0480, -0.0237, -85.9881

Complementary

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



112.0110, 63.5916, -49.9986



183.9890, -63.5916, 49.9986

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.



87.3610, -28.2790, -76.6156



112.0110, 63.5916, -49.9986



115.6770, -57.0288, 45.0103

Square

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



112.0110, 63.5916, -49.9986



107.6250, -10.6611, 106.4459



110.6730, -54.5618, 0.2868



106.5180, 27.3526, -93.4163

Rectangle

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



112.0110, 63.5916, -49.9986



116.8630, 25.2105, 80.8041



110.6730, -54.5618, 0.2868



94.9530, -9.3438, -83.2738

Sweetspot

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



112.0110, 63.5916, -49.9986



214.4660, 19.9833, -16.1947



178.3180, 0.3362, -108.1499



103.1480, 12.2520, -9.7768



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.



112.0110, 63.5916, -49.9986



90.8040, 80.9486, -63.8491



85.4730, 76.6748, 0.4622



111.7160, 4.0840, -3.2589



56.1960, 63.0074, -49.2839



16.9500, 19.2516, -14.8651

Inverse Universe

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



117.5680, -0.7730, 108.2499



97.7550, -0.8652, 137.9039



210.5270, -76.6748, -0.4622



112.0440, -0.0217, 6.9774



61.8560, -0.9150, 107.1203



18.7960, -0.3924, 32.6279

Previews

White Background



This preview shows how the YUV color 112.0110, 63.5916, -49.9986 looks on a white background.

Color Contrast Check

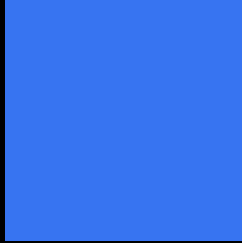
Large Text (above 18pt) WCAG AA ✓ Pass

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 112.0110, 63.5916, -49.9986 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

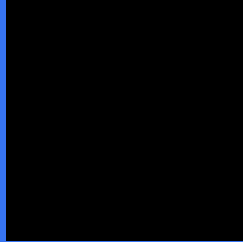
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

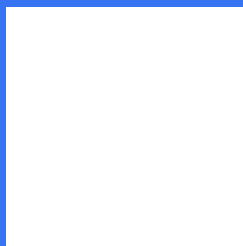
Any Text WCAG AAA × Fail

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

YUV 112.0110, 63.5916, -49.9986 Background



This preview shows how black text looks on a background with the YUV color 112.0110, 63.5916, -49.9986.



This preview shows how white text looks on a background with the YUV color 112.0110, 63.5916, -49.9986.

-49.9986.

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

112.0110, 63.5916, -49.9986

Protanopia

107.7430, 66.6817, -61.1646

Deuteranopia

97.4120, 58.4639, -85.4303



Tritanopia

95.7750, 24.2679, -83.9947

Trichromacy



Original Color

112.0110, 63.5916, -49.9986

Protanomaly

109.4230, 65.3605, -57.3760

Deuteranomaly

102.6570, 60.3151, -72.4902

Tritanomaly

101.6360, 38.6335, -71.5948

Monochromacy



Original Color

112.0110, 63.5916, -49.9986

Achromatopsia

112.0000, 0.0000, 0.0000

Achromatomaly

111.6660, 23.3357, -18.1241

CSS Examples

Text

The CSS property to change the color of the text to YUV 112.0110, 63.5916, -49.9986 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(55, 116, 241)` looks like.

```
.text, #text, p{  
    color:rgb(55, 116, 241)  
}
```

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(55, 116, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(55, 116, 241) }
```

Border

The CSS property to change the border of an element to YUV 112.0110, 63.5916, -49.9986 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(55, 116, 241) }
```


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

```
.border{ border-color:rgb(55, 116, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(55, 116, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(55, 116, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(55, 116, 241);  
box-shadow:4px 4px 4px 4px rgb(55, 116,  
241) }
```

Background

The CSS property to change the background color of an element to YUV 112.0110, 63.5916, -49.9986 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(55, 116, 241) }
```

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

```
.background{ background-color: rgb(55, 116,  
241) }
```

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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