

Converting Colors

YUV(104.7780, 43.4934,
-43.6553)

Have a look what the booklet for
YUV(104.7780, 43.4934, -43.6553)
contains.

YUV(104.7780, 43.4934, -43.6553)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(104.7780, 43.4934,
-43.6553)**

Conversions

Conversions Part 1

Format	Color
Hex	3771C1
RGB	55, 113, 193
RGB Percent	22%, 44%, 76%
CMY	0.7843, 0.5569, 0.2431
CMYK	0.72, 0.41, 0.00, 0.24
HSL	215°, 56%, 49%
HSV	215°, 72%, 76%
XYZ	17.1063, 16.4727, 52.7300
YIQ	104.7780, -60.2480, 12.5840

Conversions

Conversions Part 2

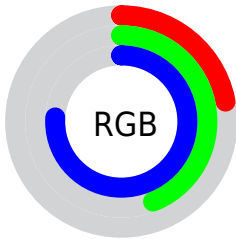
Format	Color
R_{YB}	55, 96, 193
Decimal	3633601
CIE _{Lab}	47.59, 8.21, -47.42
CIE _{LCh}	48, 48.129, 279.822
Yxy	16.4727, 0.1982, 0.1909
Android (android.graphics.Color)	4281823681 (0xFF3771C1)
YUV	104.7780, 43.4934, -43.6553
Hunter-Lab	40.5866, 4.2070, -48.6188

Details

The YUV color **104.7780, 43.4934, -43.6553** 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 **143.2220, -43.4934, 43.6553**, and the grayscale version is **104.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **160.0500, 44.3453, -36.8779**, and **54.5880, 41.6151, -47.8737** is the 20% darker color. If you saturate the color by 10%, you get **92.6400, 49.4775, -49.6733**, and if you desaturate by 10%, it is **116.9160, 37.5094, -37.6373**.

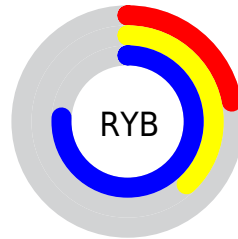
Distribution



Red (22%)

Green (44%)

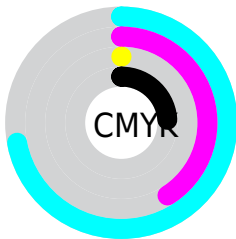
Blue (76%)



Red (22%)

Yellow (38%)

Blue (76%)

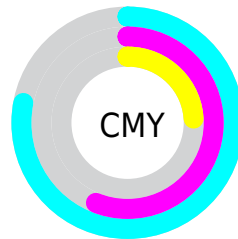


Cyan (72%)

Magenta (41%)

Yellow (0%)

Black (24%)



Cyan (78%)

Magenta (56%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YUV color 104.7780, 43.4934, -43.6553 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 104.7780, 43.4934, -43.6553 by changing the saturation by 10% instead.

■ 104.7780, 43.4934,
-43.6553

■ 104.7780, 43.4934,
-43.6553

255.0000, 0.0000,
0.0000

■ 71.4660, 46.6053,
-61.7987

■ 160.0500, 44.3453,
-36.8779

■ 54.5880, 41.6151,
-47.8737

■ 185.1400, 34.4410,
-33.4488

■ 39.2970, 36.3356,
-34.4635

■ 210.5460, 21.9158,
-29.4198

■ 24.7070, 31.2034,
-21.6680

■ 235.6530, 9.5381,
-26.0057

■ 11.4050, 25.9293,
-10.0022

■ 249.3190, 2.8007,
-11.6808

■ 6.4350, 17.0405,
-5.6435

■ 2.7530, 8.0098,

-2.4144

■ 0.0000, 0.0000,
0.0000

■ 104.7780, 43.4934,
-43.6553

■ 104.7780, 43.4934,
-43.6553

■ 92.6400, 49.4775,
-49.6733

■ 116.9160, 37.5094,
-37.6373

■ 80.2030, 55.6089,
-56.3060

■ 129.3530, 31.3780,
-31.0046

■ 69.5490, 60.8613,
-60.9945

■ 142.0780, 25.1045,
-25.5014

■ 154.2160, 19.1205,
-19.4834

■ 166.6530, 12.9891,
-12.8507

■ 178.7910, 7.0050,
-6.8327

■ 190.9290, 1.0210,
-0.8147

■ 203.6540, -5.2524,
4.6884

■ 216.0910,
-11.3839, 11.3212

Harmonies

Analogous

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



94.9210, 46.3809, -83.2457



104.7780, 43.4934, -43.6553



115.8840, 29.6372, 14.1337

Triad

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



104.7780, 43.4934, -43.6553



110.8970, -23.6132, 60.6033



86.3590, -1.6560, -75.7368

Complementary

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



104.7780, 43.4934, -43.6553



143.2220, -43.4934, 43.6553

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.



101.9410, -27.5789, -20.9963



104.7780, 43.4934, -43.6553



109.6930, -37.8096, 40.6112

Square

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



104.7780, 43.4934, -43.6553



111.4520, -5.1528, 66.2556



106.7190, -40.7805, 13.4014



91.7340, 16.4001, -80.4507

Rectangle

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



104.7780, 43.4934, -43.6553



115.8890, 18.7887, 40.4393



106.7190, -40.7805, 13.4014



93.2710, -11.4726, -53.7347

Sweetspot

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



104.7780, 43.4934, -43.6553



215.9560, 16.7837, -16.6244



144.8980, -5.8657, -78.8405



105.1650, 9.7787, -9.7917



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



104.7780, 43.4934, -43.6553



112.3400, 67.8664, -67.8272



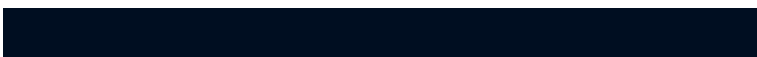
73.4230, 58.9515, -8.2640



90.4880, 3.2104, -3.0590



58.2700, 50.6459, -51.1028



11.9800, 10.3629, -10.5065

Inverse Universe

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



102.8740, 4.9921, 79.0405



109.5450, 7.6193, 123.1790



174.5770, -58.9515, 8.2640



90.4460, 0.2731, 5.7479



55.8910, 5.9697, 92.1806



11.4630, 1.2507, 18.8879

Previews

White Background



This preview shows how the YUV color 104.7780, 43.4934, -43.6553 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 104.7780, 43.4934, -43.6553 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 104.7780, 43.4934, -43.6553

Background



This preview shows how black text looks on a background with the YUV color 104.7780, 43.4934, -43.6553.



This preview shows how white text looks on a background with the YUV color 104.7780, 43.4934, -43.6553.

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

104.7780, 43.4934, -43.6553

Protanopia

109.5520, 39.6609, -27.6711

Deuteranopia

104.1690, 43.7937, -46.6292



Tritanopia

88.7650, 22.7939, -77.8469

Trichromacy



Original Color

104.7780, 43.4934, -43.6553

Protanomaly

107.8610, 40.9875, -33.2041

Deuteranomaly

104.4680, 43.6463, -46.0144

Tritanomaly

94.7910, 30.1760, -65.5917

Monochromacy



Original Color

104.7780, 43.4934, -43.6553

Achromatopsia

105.0000, 0.0000, 0.0000

Achromatomaly

105.0270, 15.7627, -15.8097

CSS Examples

Text

The CSS property to change the color of the text to YUV 104.7780, 43.4934, -43.6553 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, 113, 193)` looks like.

```
.text, #text, p{  
    color:rgb(55, 113, 193)  
}
```

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, 113, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(55, 113, 193) }
```

Border

The CSS property to change the border of an element to YUV 104.7780, 43.4934, -43.6553 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, 113, 193) }
```


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

```
.border{ border-color:rgb(55, 113, 193) }
```

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

Here you see how a box with a 4 pixel rgb(55, 113, 193) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(55, 113, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(55, 113, 193);  
box-shadow:4px 4px 4px 4px rgb(55, 113,  
193) }
```

Background

The CSS property to change the background color of an element to YUV 104.7780, 43.4934, -43.6553 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(55, 113, 193) }
```

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

```
.background{ background-color: rgb(55, 113,  
193) }
```

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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