

Converting Colors

YUV(104.0110, 43.3786,
-53.5066)

Have a look what the booklet for
YUV(104.0110, 43.3786, -53.5066)
contains.

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Color

**YUV(104.0110, 43.3786,
-53.5066)**

Conversions

Conversions Part 1

Format	Color
Hex	2B76C0
RGB	43, 118, 192
RGB Percent	17%, 46%, 75%
CMY	0.8314, 0.5373, 0.2471
CMYK	0.78, 0.39, 0.00, 0.25
HSL	210°, 63%, 46%
HSV	210°, 78%, 75%
XYZ	16.9891, 17.2762, 52.3084
YIQ	104.0110, -68.4540, 7.1140

Conversions

Conversions Part 2

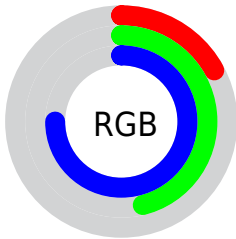
Format	Color
R _Y B	43, 93, 192
Decimal	2848448
CIE Lab	48.61, 3.18, -45.25
CIE LCh	49, 45.361, 274.017
Yxy	17.2762, 0.1962, 0.1996
Android (android.graphics.Color)	4281038528 (0xFF2B76C0)
YUV	104.0110, 43.3786, -53.5066
Hunter-Lab	41.5647, 0.2218, -45.5201

Details

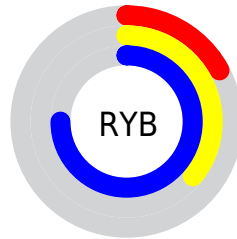
The YUV color **104.0110, 43.3786, -53.5066** is a dark color, and the websafe version is hex **336699**. The color can be described as dark muted azure. A complement of this color would be **130.9890, -43.3786, 53.5066**, and the grayscale version is **104.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **161.0660, 43.3515, -44.7849**, and **56.8220, 40.0208, -49.8329** is the 20% darker color. If you saturate the color by 10%, you get **92.4600, 49.0732, -60.0394**, and if you desaturate by 10%, it is **115.5620, 37.6839, -46.9739**.

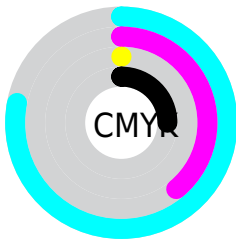
Distribution



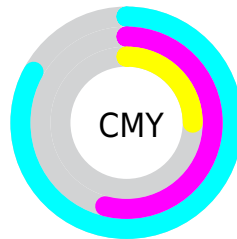
- Red (17%)
- Green (46%)
- Blue (75%)



- Red (17%)
- Yellow (36%)
- Blue (75%)



- Cyan (78%)
- Magenta (39%)
- Yellow (0%)
- Black (25%)



- Cyan (83%)
- Magenta (54%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the YUV color 104.0110, 43.3786, -53.5066 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 104.0110, 43.3786, -53.5066 by changing the saturation by 10% instead.

■ 104.0110, 43.3786,
-53.5066

■ 104.0110, 43.3786,
-53.5066

■ 255.0000, 0.0000,
0.0000

■ 73.9880, 44.8689,
-64.8875

■ 161.0660, 43.3515,
-44.7849

■ 56.8220, 40.0208,
-49.8329

■ 186.5690, 33.7365,
-40.8410

■ 41.5310, 34.7412,
-36.4227

■ 211.9750, 21.2113,
-36.8121

■ 26.9410, 29.6091,
-23.6273

■ 237.0820, 8.8336,
-33.3979

■ 11.2910, 25.4925,
-9.9022

■ 247.2260, 3.8326,
-15.9842

■ 6.3210, 16.6037,
-5.5435

■ 2.6390, 7.5730,

-2.3144

■ 0.0000, 0.0000,
0.0000

■ 104.0110, 43.3786,
-53.5066

■ 104.0110, 43.3786,
-53.5066

■ 92.4600, 49.0732,
-60.0394

■ 115.5620, 37.6839,
-46.9739

■ 81.4960, 54.4785,
-67.0870

■ 126.5260, 32.2787,
-39.9263

■ 78.8270, 55.7943,
-69.1313

■ 138.3760, 26.4366,
-32.7788

■ 149.3400, 21.0314,
-25.7312

■ 160.8910, 15.3367,
-19.1984

■ 171.8550, 9.9315,
-12.1508

■ 183.4060, 4.2368,
-5.6181

■ 194.6690, -1.3158,
2.0443

■ 206.2200, -7.0105,
8.5771

Harmonies

Analogous

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



96.1120, 43.3288, -84.2902



104.0110, 43.3786, -53.5066



117.9430, 30.1011, 5.3120

Triad

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



104.0110, 43.3786, -53.5066



114.0370, -19.2452, 59.6036



95.8730, -7.8254, -56.8936

Complementary

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



104.0110, 43.3786, -53.5066



130.9890, -43.3786, 53.5066

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.



106.9420, -29.0584, -13.1041



104.0110, 43.3786, -53.5066



113.1540, -33.5999, 43.7149

Square

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



104.0110, 43.3786, -53.5066



115.6300, -1.7896, 60.8375



110.7350, -38.3234, 18.6494



92.3380, 13.6374, -80.9804

Rectangle

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



104.0110, 43.3786, -53.5066



119.2900, 20.5630, 31.3177



110.7350, -38.3234, 18.6494



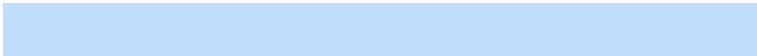
101.1050, -16.3208, -38.6801

Sweetspot

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



104.0110, 43.3786, -53.5066



215.6350, 16.9419, -20.7279



138.6710, -11.6698, -83.9035



104.5560, 10.0789, -12.7656



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.



104.0110, 43.3786, -53.5066



112.2410, 67.9152, -83.5264



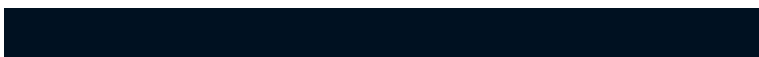
61.1600, 64.5041, -15.9263



91.0750, 2.9210, -3.5738



65.9010, 46.8838, -57.7952



13.7410, 9.4947, -12.0509

Inverse Universe

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



96.1010, 10.7962, 84.1034



100.0050, 16.7595, 131.5456



173.8400, -64.5041, 15.9263



90.5600, 0.7099, 5.6479



57.3730, 11.6481, 90.8809



11.8050, 2.5611, 18.5880

Previews

White Background



This preview shows how the YUV color 104.0110, 43.3786, -53.5066 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 104.0110, 43.3786, -53.5066 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

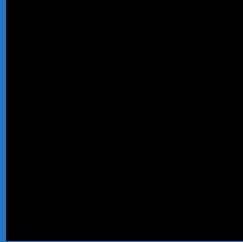
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 104.0110, 43.3786, -53.5066

Background



This preview shows how black text looks on a background with the YUV color 104.0110, 43.3786, -53.5066.



This preview shows how white text looks on a background with the YUV color 104.0110, 43.3786, -53.5066.

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

104.0110, 43.3786, -53.5066

Protanopia

112.4770, 36.7398, -24.0973

Deuteranopia

108.3330, 41.7408, -41.5110



Tritanopia

90.7540, 22.7993, -79.5913

Trichromacy



Original Color

104.0110, 43.3786, -53.5066

Protanomaly

109.3940, 39.2458, -34.5485

Deuteranomaly

106.8270, 42.4833, -46.3293

Tritanomaly

95.4700, 30.3343, -69.6952

Monochromacy



Original Color

104.0110, 43.3786, -53.5066

Achromatopsia

104.0000, 0.0000, 0.0000

Achromatomaly

104.0050, 15.7735, -19.2984

CSS Examples

Text

The CSS property to change the color of the text to YUV 104.0110, 43.3786, -53.5066 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(43, 118, 192)` looks like.

```
.text, #text, p{  
    color:rgb(43, 118, 192)  
}
```

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(43, 118, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(43, 118, 192) }
```

Border

The CSS property to change the border of an element to YUV 104.0110, 43.3786, -53.5066 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(43, 118, 192) }
```


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

```
.border{ border-color:rgb(43, 118, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(43, 118, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(43, 118, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(43, 118, 192);  
box-shadow:4px 4px 4px 4px rgb(43, 118,  
192) }
```

Background

The CSS property to change the background color of an element to YUV 104.0110, 43.3786, -53.5066 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(43, 118, 192) }
```

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

```
.background{ background-color: rgb(43, 118,  
192) }
```

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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