

Converting Colors

YUV(103.4110, 46.6324,
-70.5204)

Have a look what the booklet for
YUV(103.4110, 46.6324, -70.5204)
contains.

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Color

**YUV(103.4110, 46.6324,
-70.5204)**

Conversions

Conversions Part 1

Format	Color
Hex	177EC6
RGB	23, 126, 198
RGB Percent	9%, 49%, 78%
CMY	0.9098, 0.5059, 0.2235
CMYK	0.88, 0.36, 0.00, 0.22
HSL	205°, 79%, 43%
HSV	205°, 88%, 78%
XYZ	18.0072, 19.1811, 56.1793
YIQ	103.4110, -84.5000, 0.5560

Conversions

Conversions Part 2

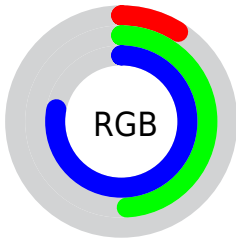
Format	Color
R_{YB}	23, 88, 198
Decimal	1539782
CIE _{Lab}	50.90, -1.18, -45.07
CIE _{LCh}	51, 45.085, 268.494
Yxy	19.1811, 0.1929, 0.2054
Android (android.graphics.Color)	4279729862 (0xFF177EC6)
YUV	103.4110, 46.6324, -70.5204
Hunter-Lab	43.7962, -3.2513, -45.3965

Details

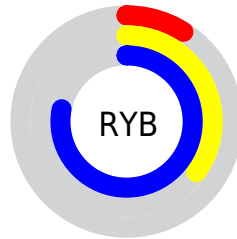
The YUV color **103.4110, 46.6324, -70.5204** is a dark color, and the websafe version is hex **006699**. The color can be described as dark washed azure. A complement of this color would be **117.5890, -46.6324, 70.5204**, and the grayscale version is **103.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **164.0540, 44.8364, -54.4214**, and **62.2020, 40.3264, -54.5512** is the 20% darker color. If you saturate the color by 10%, you get **92.7350, 51.8956, -78.6976**, and if you desaturate by 10%, it is **114.0870, 41.3691, -62.3433**.

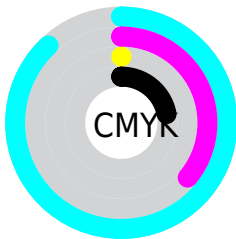
Distribution



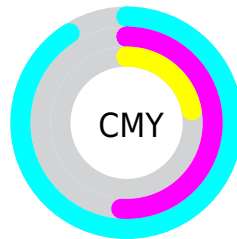
- Red (9%)
- Green (49%)
- Blue (78%)



- Red (9%)
- Yellow (35%)
- Blue (78%)



- Cyan (88%)
- Magenta (36%)
- Yellow (0%)
- Black (22%)



- Cyan (91%)
- Magenta (51%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YUV color 103.4110, 46.6324, -70.5204 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 103.4110, 46.6324, -70.5204 by changing the saturation by 10% instead.

■ 103.4110, 46.6324,
-70.5204

■ 103.4110, 46.6324,
-70.5204

255.0000, 0.0000,
0.0000

■ 78.6670, 45.0272,
-68.9910

■ 164.0540, 44.8364,
-54.4214

■ 62.2020, 40.3264,
-54.5512

■ 189.7590, 32.1638,
-49.7776

■ 45.7370, 35.6257,
-40.1113

■ 215.4640, 19.4912,
-45.1339

■ 31.0330, 30.0567,
-27.2159

■ 236.7610, 8.9918,
-37.5014

■ 14.7960, 26.2296,
-12.9761

■ 245.7310, 4.5696,
-19.0581

■ 6.8910, 18.7877,
-6.0434

■ 3.3230, 10.1938,

-2.9143

■ 0.0000, 0.0000,
0.0000

■ 103.4110, 46.6324,
-70.5204

■ 103.4110, 46.6324,
-70.5204

■ 92.7350, 51.8956,
-78.6976

■ 114.0870, 41.3691,
-62.3433

■ 91.2510, 52.6273,
-80.0271

■ 124.7630, 36.1058,
-54.1662

■ 135.1400, 30.9900,
-46.6038

■ 146.4030, 25.4373,
-38.9414

■ 157.0790, 20.1741,
-30.7643

■ 167.7550, 14.9108,
-22.5871

■ 178.4310, 9.6475,
-14.4100

■ 188.8080, 4.5317,
-6.8476

■ 199.4840, -0.7316,
1.3295

Harmonies

Analogous

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



100.4490, 42.1766, -88.0938



103.4110, 46.6324, -70.5204



122.8710, 32.6016, -3.3949

Triad

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



103.4110, 46.6324, -70.5204



120.4440, -16.4879, 61.8776



105.5710, -13.0995, -45.2278

Complementary

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



103.4110, 46.6324, -70.5204



117.5890, -46.6324, 70.5204

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.



113.7040, -31.4061, -6.7564



103.4110, 46.6324, -70.5204



119.4580, -31.2848, 47.8333

Square

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



103.4110, 46.6324, -70.5204



121.8300, 1.5628, 58.9081



117.4690, -38.1922, 23.2677



95.6320, 11.0274, -83.8693

Rectangle

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



103.4110, 46.6324, -70.5204



125.0550, 23.6369, 25.3848



117.4690, -38.1922, 23.2677



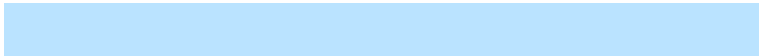
109.1230, -20.2736, -30.8029

Sweetspot

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



103.4110, 46.6324, -70.5204



217.9330, 18.2740, -28.0052



133.7050, -20.0676, -97.0883



105.7620, 10.9633, -16.4543



0.0000, 0.0000, 0.0000



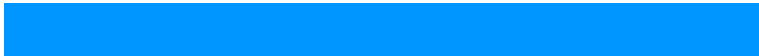
128.0000, 0.0000, 0.0000

Same Dimension

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



103.4110, 46.6324, -70.5204



117.1200, 67.9748, -102.7142



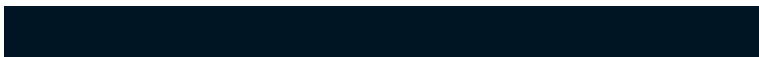
52.9290, 71.5200, -26.2477



93.9610, 2.4842, -3.4738



74.9340, 43.4165, -65.7171



16.4310, 9.6475, -14.4100

Inverse Universe

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



87.0670, 19.1940, 97.2882



93.3450, 27.9309, 141.7714



168.0710, -71.5200, 26.2477



93.2610, 0.8573, 5.0331



59.6810, 17.9053, 90.6108



13.1580, 3.8661, 20.0324

Previews

White Background



This preview shows how the YUV color 103.4110, 46.6324, -70.5204 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 103.4110, 46.6324, -70.5204 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

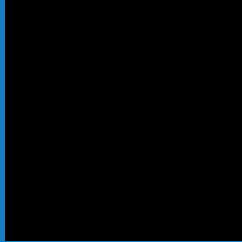
Any Text WCAG AA ✓ Pass

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 103.4110, 46.6324, -70.5204 Background



This preview shows how black text looks on a background with the YUV color 103.4110, 46.6324, -70.5204.



This preview shows how white text looks on a background with the YUV color 103.4110, 46.6324, -70.5204.

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

103.4110, 46.6324, -70.5204

Protanopia

118.8470, 35.5714, -22.6678

Deuteranopia

114.6430, 41.5880, -39.1519



Tritanopia

95.0740, 24.1205, -83.3799

Trichromacy



Original Color

103.4110, 46.6324, -70.5204

Protanomaly

113.4750, 39.6988, -39.8816

Deuteranomaly

110.7340, 43.5151, -50.6327

Tritanomaly

97.9850, 32.5454, -78.9168

Monochromacy



Original Color

103.4110, 46.6324, -70.5204

Achromatopsia

103.0000, 0.0000, 0.0000

Achromatomaly

103.0150, 17.2476, -25.4462

CSS Examples

Text

The CSS property to change the color of the text to YUV 103.4110, 46.6324, -70.5204 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(23, 126, 198)` looks like.

```
.text, #text, p{  
    color:rgb(23, 126, 198)  
}
```

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(23, 126, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(23, 126, 198) }
```

Border

The CSS property to change the border of an element to YUV 103.4110, 46.6324, -70.5204 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(23, 126, 198) }
```


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

```
.border{ border-color:rgb(23, 126, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(23, 126, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(23, 126, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(23, 126, 198);  
box-shadow:4px 4px 4px 4px rgb(23, 126,  
198) }
```

Background

The CSS property to change the background color of an element to YUV 103.4110, 46.6324, -70.5204 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(23, 126, 198) }
```

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

```
.background{ background-color: rgb(23, 126,  
198) }
```

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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