

Converting Colors

YUV(104.8160, 55.7997,
-70.8756)

Have a look what the booklet for
YUV(104.8160, 55.7997, -70.8756)
contains.

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Color

**YUV(104.8160, 55.7997,
-70.8756)**

Conversions

Conversions Part 1

Format	Color
Hex	187CDA
RGB	24, 124, 218
RGB Percent	9%, 49%, 85%
CMY	0.9059, 0.5137, 0.1451
CMYK	0.89, 0.43, 0.00, 0.15
HSL	209°, 80%, 47%
HSV	209°, 89%, 85%
XYZ	20.2392, 19.6714, 69.0599
YIQ	104.8160, -89.7740, 8.0340

Conversions

Conversions Part 2

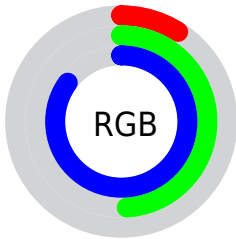
Format	Color
RYB	24, 90, 218
Decimal	1604826
CIELab	51.46, 7.78, -55.52
CIELCh	51, 56.064, 277.981
Yxy	19.6714, 0.1857, 0.1805
Android (android.graphics.Color)	4279794906 (0xFF187CDA)
YUV	104.8160, 55.7997, -70.8756
Hunter-Lab	44.3525, 3.8374, -61.2719

Details

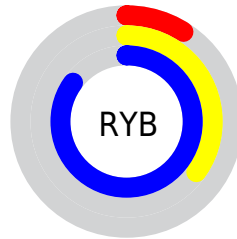
The YUV color **104.8160, 55.7997, -70.8756** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark washed azure. A complement of this color would be **137.1840, -55.7997, 70.8756**, and the grayscale version is **104.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **164.6740, 44.5307, -49.7031**, and **63.0800, 48.7676, -55.3212** is the 20% darker color. If you saturate the color by 10%, you get **91.7810, 62.2260, -78.7379**, and if you desaturate by 10%, it is **117.8510, 49.3735, -63.0133**.

Distribution



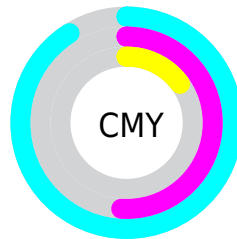
- Red (9%)
- Green (49%)
- Blue (85%)



- Red (9%)
- Yellow (35%)
- Blue (85%)



- Cyan (89%)
- Magenta (43%)
- Yellow (0%)
- Black (15%)



- Cyan (91%)
- Magenta (51%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YUV color 104.8160, 55.7997, -70.8756 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 104.8160, 55.7997, -70.8756 by changing the saturation by 10% instead.

■ 104.8160, 55.7997,
-70.8756

■ 104.8160, 55.7997,
-70.8756

255.0000, 0.0000,
0.0000

■ 79.7730, 54.3419,
-69.9609

■ 164.6740, 44.5307,
-49.7031

■ 63.0800, 48.7676,
-55.3212

■ 190.0910, 32.0001,
-43.9298

■ 47.2020, 43.7774,
-41.3962

■ 215.7960, 19.3276,
-39.2861

■ 32.4980, 38.2085,
-28.5007

■ 238.8540, 7.9600,
-33.1980

■ 16.1470, 33.9445,
-14.1609

■ 248.1230, 3.3904,
-14.1399

■ 10.4760, 24.9083,
-9.1875

■ 5.5060, 16.0195,

-4.8288

■ 2.2970, 6.2626,
-2.0145

■ 0.0000, 0.0000,
0.0000

■ 104.8160, 55.7997,
-70.8756

■ 104.8160, 55.7997,
-70.8756

■ 91.7810, 62.2260,
-78.7379

■ 117.8510, 49.3735,
-63.0133

■ 90.5960, 62.8102,
-79.4527

■ 130.2990, 43.2366,
-54.6362

■ 143.0350, 36.9577,
-47.3887

■ 155.4830, 30.8209,
-39.0116

■ 168.5180, 24.3946,
-31.1493

■ 180.9660, 18.2578,
-22.7722

■ 194.0010, 11.8315,
-14.9099

■ 206.7370, 5.5527,
-7.6623

■ 219.1850, -0.5842,
0.7148

Harmonies

Analogous

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



104.4730, 52.5178, -91.6228



104.8160, 55.7997, -70.8756



125.8930, 36.0418, 13.2488

Triad

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



104.8160, 55.7997, -70.8756



118.6920, -25.9772, 72.1841



93.6310, -4.2551, -82.1144

Complementary

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



104.8160, 55.7997, -70.8756



137.1840, -55.7997, 70.8756

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.



109.2090, -34.1200, -22.9853



104.8160, 55.7997, -70.8756



118.2120, -44.9675, 49.8031

Square

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



104.8160, 55.7997, -70.8756



119.2840, -3.5910, 78.6809



113.8370, -53.1636, 18.5600



100.5050, 17.0060, -88.1429

Rectangle

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



104.8160, 55.7997, -70.8756



125.5890, 23.8666, 45.0874



113.8370, -53.1636, 18.5600



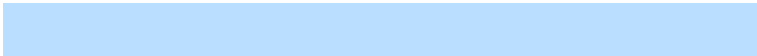
97.2110, -13.9080, -65.9600

Sweetspot

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



104.8160, 55.7997, -70.8756



214.9980, 19.7210, -25.4312



148.5940, -15.0828, -109.2689



104.0010, 11.8315, -14.9099



0.0000, 0.0000, 0.0000



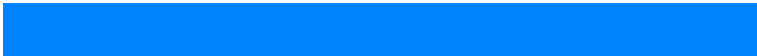
128.0000, 0.0000, 0.0000

Same Dimension

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



104.8160, 55.7997, -70.8756



105.9670, 73.4733, -92.9331



47.8770, 83.8706, -20.9401



103.1890, 3.3578, -3.6738



71.9650, 49.8103, -63.1133



19.3320, 13.1473, -16.9542

Inverse Universe

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



93.4060, 15.0828, 109.2689



91.1790, 19.6318, 143.6710



194.1230, -83.8706, 20.9401



102.8590, 0.5625, 6.2627



61.8730, 13.3736, 97.4584



16.4900, 3.7024, 25.8803

Previews

White Background



This preview shows how the YUV color 104.8160, 55.7997, -70.8756 looks on a white background.

Color Contrast Check

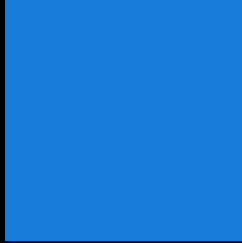
Large Text (above 18pt) WCAG AA ✓ Pass

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 104.8160, 55.7997, -70.8756 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

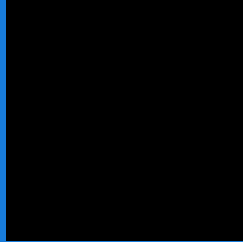
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 104.8160, 55.7997, -70.8756

Background



This preview shows how black text looks on a background with the YUV color 104.8160, 55.7997, -70.8756.



This preview shows how white text looks on a background with the YUV color 104.8160, 55.7997, -70.8756.

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

104.8160, 55.7997, -70.8756

Protanopia

117.7560, 46.9553, -33.9890

Deuteranopia

105.4140, 55.5049, -69.6461



Tritanopia

96.3620, 23.9785, -84.5095

Trichromacy



Original Color

104.8160, 55.7997, -70.8756

Protanomaly

113.1780, 50.1982, -47.5141

Deuteranomaly

105.1150, 55.6523, -70.2609

Tritanomaly

99.7830, 35.6030, -79.6167

Monochromacy



Original Color

104.8160, 55.7997, -70.8756

Achromatopsia

105.0000, 0.0000, 0.0000

Achromatomaly

105.1120, 20.1578, -25.5312

CSS Examples

Text

The CSS property to change the color of the text to YUV 104.8160, 55.7997, -70.8756 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(24, 124, 218)` looks like.

```
.text, #text, p{  
    color:rgb(24, 124, 218)  
}
```

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(24, 124, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(24, 124, 218) }
```

Border

The CSS property to change the border of an element to YUV 104.8160, 55.7997, -70.8756 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(24, 124, 218) }
```


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

```
.border{ border-color:rgb(24, 124, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(24, 124, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(24, 124, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(24, 124, 218);  
box-shadow:4px 4px 4px 4px rgb(24, 124,  
218) }
```

Background

The CSS property to change the background color of an element to YUV 104.8160, 55.7997, -70.8756 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(24, 124, 218) }
```

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

```
.background{ background-color: rgb(24, 124,  
218) }
```

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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