

Converting Colors

YUV(103.0710, 52.2230,
-90.3933)

Have a look what the booklet for
YUV(103.0710, 52.2230, -90.3933)
contains.

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Color

**YUV(103.0710, 52.2230,
-90.3933)**

Conversions

Conversions Part 1

Format	Color
Hex	0087D1
RGB	0, 135, 209
RGB Percent	0%, 53%, 82%
CMY	1.0000, 0.4706, 0.1804
CMYK	1.00, 0.35, 0.00, 0.18
HSL	201°, 100%, 41%
HSV	201°, 100%, 82%
XYZ	20.1726, 21.9314, 63.4916
YIQ	103.0710, -104.2140, -5.6060

Conversions

Conversions Part 2

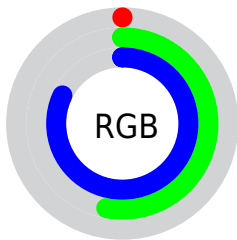
Format	Color
R _{YB}	0, 82, 209
Decimal	34769
CIE Lab	53.95, -3.28, -46.48
CIE LCh	54, 46.594, 265.965
Yxy	21.9314, 0.1910, 0.2077
Android (android.graphics.Color)	4278224849 (0xFF0087D1)
YUV	103.0710, 52.2230, -90.3933
Hunter-Lab	46.8310, -5.0647, -47.6014

Details

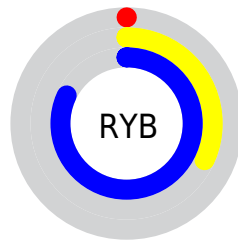
The YUV color **103.0710, 52.2230, -90.3933** is a dark color, and the websafe version is hex **3399CC**. The color can be described as dark washed azure. A complement of this color would be **105.9290, -52.2230, 90.3933**, and the grayscale version is **103.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **169.3260, 42.2373, -60.7989**, and **68.0380, 42.3793, -59.6693** is the 20% darker color. If you saturate the color by 10%, you get **103.0710, 52.2230, -90.3933**, and if you desaturate by 10%, it is **113.4590, 47.1017, -81.0865**.

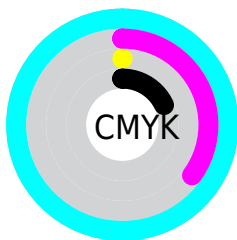
Distribution



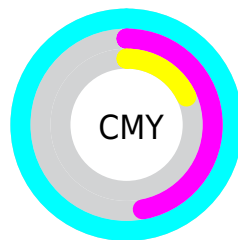
- Red (0%)
- Green (53%)
- Blue (82%)



- Red (0%)
- Yellow (32%)
- Blue (82%)



- Cyan (100%)
- Magenta (35%)
- Yellow (0%)
- Black (18%)



- Cyan (100%)
- Magenta (47%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YUV color 103.0710, 52.2230, -90.3933 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 103.0710, 52.2230, -90.3933 by changing the saturation by 10% instead.

■ 103.0710, 52.2230,
-90.3933

■ 103.0710, 52.2230,
-90.3933

255.0000, 0.0000,
0.0000

■ 85.2040, 47.2274,
-74.7239

■ 169.3260, 42.2373,
-60.7989

■ 68.0380, 42.3793,
-59.6693

■ 195.3300, 29.4173,
-55.5404

■ 51.5730, 37.6785,
-45.2295

■ 221.0350, 16.7447,
-50.8967

■ 36.2820, 32.3990,
-31.8193

■ 236.7610, 8.9918,
-37.5014

■ 21.8060, 27.7036,
-19.1239

■ 246.0300, 4.4222,
-18.4433

■ 9.0910, 22.1401,
-7.9728

■ 4.8220, 13.3988,

-4.2289

■ 0.4560, 1.7472,
-0.3999

■ 0.0000, 0.0000,
0.0000

■ 103.0710, 52.2230,
-90.3933

■ 113.4590, 47.1017,
-81.0865

■ 124.4340, 41.6910,
-72.2946

■ 134.8220, 36.5698,
-62.9879

■ 145.7970, 31.1591,
-54.1960

■ 156.1850, 26.0378,
-44.8892

■ 166.2740, 21.0639,
-36.1973

■ 177.2490, 15.6532,
-27.4054

■ 187.6370, 10.5320,
-18.0986

■ 198.6120, 5.1213,
-9.3067

Harmonies

Analogous

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



106.7580, 43.5033, -93.6268



103.0710, 52.2230, -90.3933



130.4190, 34.7964, -7.3835

Triad

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



103.0710, 52.2230, -90.3933



128.2810, -15.9145, 64.6516



113.8980, -15.7257, -42.8835

Complementary

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



103.0710, 52.2230, -90.3933



105.9290, -52.2230, 90.3933

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.



121.3300, -34.1797, -3.7974



103.0710, 52.2230, -90.3933



127.3660, -31.7324, 51.4220

Square

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



103.0710, 52.2230, -90.3933



130.1830, 2.8678, 60.3525



125.1490, -39.5135, 27.0563



100.7840, 10.4595, -88.3876

Rectangle

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



103.0710, 52.2230, -90.3933



133.2010, 25.5369, 22.6257



125.1490, -39.5135, 27.0563



117.4500, -22.8998, -28.4586

Sweetspot

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



103.0710, 52.2230, -90.3933



216.4270, 19.0165, -32.8235



131.0050, -28.5965, -114.8914



104.2670, 11.7004, -19.5282



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.



103.0710, 52.2230, -90.3933



125.9250, 63.6340, -110.4362



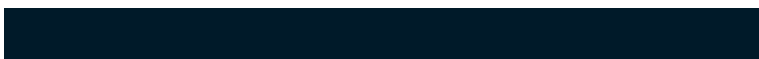
42.0230, 82.3197, -36.8542



99.3630, 2.7790, -4.7034



83.1350, 41.8384, -72.9094



19.9360, 10.3846, -17.4839

Inverse Universe

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



77.8810, 28.1597, 114.9914



95.0550, 34.4829, 140.2718



166.9770, -82.3197, 36.8542



98.0870, 1.4361, 6.0627



62.6580, 22.8466, 92.3849



15.2230, 5.3131, 22.6064

Previews

White Background



This preview shows how the YUV color 103.0710, 52.2230, -90.3933 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 103.0710, 52.2230, -90.3933 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 103.0710, 52.2230, -90.3933

Background



This preview shows how black text looks on a background with the YUV color 103.0710, 52.2230, -90.3933.



This preview shows how white text looks on a background with the YUV color 103.0710, 52.2230, -90.3933.

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



Protanopia

127.0750, 36.4450, -22.8678

Deuteranopia

122.6860, 43.0458, -40.0666

Tritanopia

101.3830, 25.4472, -88.9129

Trichromacy



Protanomaly

118.1150, 42.3413, -47.4589

Deuteranomaly

115.4880, 46.5944, -58.3100

Tritanomaly

101.9020, 35.0513, -89.3681

Monochromacy



Achromatopsia

103.0000, 0.0000, 0.0000

Achromatomaly

103.4270, 19.0165, -32.8235

CSS Examples

Text

The CSS property to change the color of the text to YUV 103.0710, 52.2230, -90.3933 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(0, 135, 209)` looks like.

```
.text, #text, p{  
    color:rgb(0, 135, 209)  
}
```

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(0, 135, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 135, 209) }
```

Border

The CSS property to change the border of an element to YUV 103.0710, 52.2230, -90.3933 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(0, 135, 209) }
```

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

```
.border{ border-color:rgb(0, 135, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 135, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 135, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 135, 209);  
box-shadow:4px 4px 4px 4px rgb(0, 135,  
209) }
```


Background

The CSS property to change the background color of an element to YUV 103.0710, 52.2230, -90.3933 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 135, 209) }
```

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

```
.background{ background-color: rgb(0, 135,  
209) }
```

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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