

Converting Colors

YIQ(120.9290, 52.6290, 31.9010)

Have a look what the booklet for
YIQ(120.9290, 52.6290, 31.9010)
contains.

YIQ(120.9290, 52.6290, 31.9010)	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

**YIQ(120.9290, 52.6290,
31.9010)**

Conversions

Conversions Part 1

Format	Color
Hex	BF5675
RGB	191, 86, 117
RGB Percent	75%, 34%, 46%
CMY	0.2507, 0.6629, 0.5410
CMYK	0.00, 0.55, 0.39, 0.25
HSL	342°, 45%, 54%
HSV	342°, 55%, 75%
XYZ	28.0411, 19.0193, 19.0373
YIQ	120.9290, 52.6290, 31.9010

Conversions

Conversions Part 2

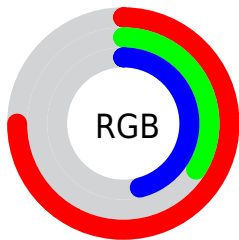
Format	Color
R _Y B	191, 86, 117
Decimal	12539509
CIE Lab	50.71, 45.31, 3.18
CIE LCh	51, 45.425, 4.016
Yxy	19.0193, 0.4242, 0.2877
Android (android.graphics.Color)	4290729589 (0xFFBF5675)
YUV	120.9290, -1.9370, 61.4523
Hunter-Lab	43.6111, 38.4525, 4.6462

Details

The YIQ color **120.9290, 52.6290, 31.9010** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **156.0710, -52.6290, -31.9010**, and the grayscale version is **121.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **175.6090, 56.5260, 32.8620**, and **66.7160, 48.9150, 33.1310** is the 20% darker color. If you saturate the color by 10%, you get **108.2940, 62.0270, 37.7950**, and if you desaturate by 10%, it is **133.6780, 42.9100, 26.3180**.

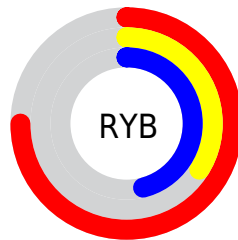
Distribution



Red (75%)

Green (34%)

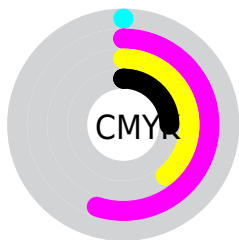
Blue (46%)



Red (75%)

Yellow (34%)

Blue (46%)

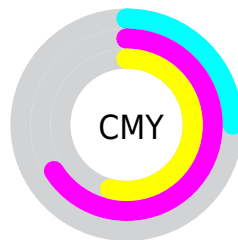


Cyan (0%)

Magenta (55%)

Yellow (39%)

Black (25%)



Cyan (25%)


Magenta (66%)


Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 120.9290, 52.6290, 31.9010 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 YIQ color 120.9290, 52.6290, 31.9010 by changing the saturation by 10% instead.


 120.9290, 52.6290,
31.9010


 120.9290, 52.6290,
31.9010


255.0000, -0.0000,
-0.0000


 94.1460, 50.5200,
31.5760


 175.6090, 56.5260,
32.8620


 66.7160, 48.9150,
33.1310


 196.6180, 43.1390,
27.6750

 37.0520, 48.0890,
37.0890


 216.2460, 26.4510,
21.7390

 26.5850, 38.7380,
24.8340

 235.9880, 9.4420,
16.1140

 16.6730, 32.1380,
12.2820

 253.2390, 0.8250,
1.5690

 3.8870, 7.7480,
2.7560

 0.0000, 0.0000,

0.0000

■ 120.9290, 52.6290,
31.9010

■ 120.9290, 52.6290,
31.9010

■ 108.2940, 62.0270,
37.7950

■ 133.6780, 42.9100,
26.3180

■ 95.5450, 71.7460,
43.3780

■ 146.3130, 33.5120,
20.4240

■ 82.9100, 81.1440,
49.2720

■ 158.9480, 24.1140,
14.5300

■ 70.1610, 90.8630,
54.8550

■ 171.6970, 14.3950,
8.9470

■ 63.6070, 95.5390,
58.2190

■ 184.3320, 4.9970,
3.0530

■ 197.6680, -4.9970,
-3.0530

■ 210.3030,
-14.3950, -8.9470

■ 223.0520,
-24.1140, -14.5300

■ 233.9260,
-32.6870, -18.8550

Harmonies

Analogous

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



123.6890, 27.1820, 36.0300



120.9290, 52.6290, 31.9010



119.6350, 61.6640, 16.8320

Triad

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



120.9290, 52.6290, 31.9010



111.9420, 4.7740, -31.4660



100.3180, -97.8400, -10.9920

Complementary

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



120.9290, 52.6290, 31.9010



156.0710, -52.6290, -31.9010

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.



100.1750, -90.5480, -22.0040



120.9290, 52.6290, 31.9010



101.4710, -42.3120, -37.1600

Square

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



120.9290, 52.6290, 31.9010



115.7350, 36.4540, -21.8980



96.4300, -78.6250, -34.3450



110.0220, -66.9870, 8.0610

Rectangle

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



120.9290, 52.6290, 31.9010



118.9360, 58.7780, 3.0500



96.4300, -78.6250, -34.3450



100.6940, -96.1430, -14.2150

Sweetspot

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



120.9290, 52.6290, 31.9010



219.0400, 20.8590, 12.9470



120.0960, 10.3990, 48.3430



108.2730, 12.6530, 7.4770



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.



120.9290, 52.6290, 31.9010



138.2090, 81.7400, 49.4840



129.7220, 56.8050, 11.2770



88.0330, 4.4010, 2.8410



52.6000, 79.0810, 48.1130



10.2950, 15.5870, 9.3710

Inverse Universe

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



120.9290, 52.6290, 31.9010



138.2090, 81.7400, 49.4840



147.2780, -56.8050, -11.2770



88.0330, 4.4010, 2.8410



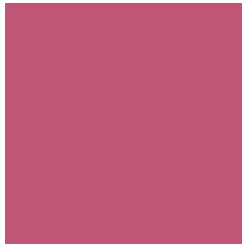
52.6000, 79.0810, 48.1130



10.2950, 15.5870, 9.3710

Previews

White Background



This preview shows how the YIQ color 120.9290, 52.6290, 31.9010 looks on a white background.

Color Contrast Check

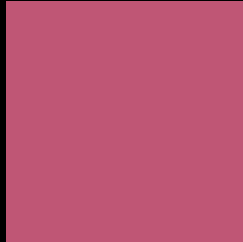
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 120.9290, 52.6290, 31.9010 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

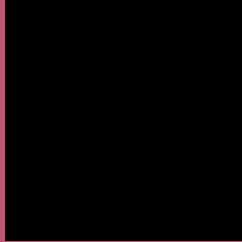
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 120.9290, 52.6290, 31.9010

Background



This preview shows how black text looks on a background with the YIQ color 120.9290, 52.6290, 31.9010.



This preview shows how white text looks on a background with the YIQ color 120.9290, 52.6290,

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

120.9290, 52.6290, 31.9010

Protanopia

121.6390, -6.0530, 5.0750

Deuteranopia

122.1110, 12.9290, 2.4730



Tritanopia

120.2850, 57.0780, 22.8540

Trichromacy



Original Color

120.9290, 52.6290, 31.9010

Protanomaly

121.5710, 14.9900, 14.6860

Deuteranomaly

121.8620, 27.2320, 13.0880

Tritanomaly

120.9090, 55.3810, 26.0770

Monochromacy



Original Color

120.9290, 52.6290, 31.9010

Achromatopsia

121.0000, -0.0000, 0.0000

Achromatomaly

120.7300, 18.7960, 11.7880

CSS Examples

Text

The CSS property to change the color of the text to YIQ 120.9290, 52.6290, 31.9010 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(191, 86, 117)` looks like.

```
.text, #text, p{  
    color:rgb(191, 86, 117)  
}
```

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(191, 86, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 86, 117) }
```

Border

The CSS property to change the border of an element to YIQ 120.9290, 52.6290, 31.9010 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(191, 86, 117) }
```


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

```
.border{ border-color:rgb(191, 86, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 86, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(191, 86, 117); -webkit-box-shadow:4px 4px 4px 4px rgb(191, 86, 117); box-shadow:4px 4px 4px 4px rgb(191, 86, 117) }
```

Background

The CSS property to change the background color of an element to YIQ 120.9290, 52.6290, 31.9010 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 86, 117) }
```

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

```
.background{ background-color: rgb(191, 86,  
117) }
```

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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