

Converting Colors

YIQ(120.6530, 53.2260, 26.5860)

Have a look what the booklet for
YIQ(120.6530, 53.2260, 26.5860)
contains.

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Color

**YIQ(120.6530, 53.2260,
26.5860)**

Conversions

Conversions Part 1

Format	Color
Hex	BC596B
RGB	188, 89, 107
RGB Percent	74%, 35%, 42%
CMY	0.2625, 0.6511, 0.5802
CMYK	0.00, 0.53, 0.43, 0.26
HSL	349°, 43%, 54%
HSV	349°, 53%, 74%
XYZ	26.9800, 18.8998, 16.1498
YIQ	120.6530, 53.2260, 26.5860

Conversions

Conversions Part 2

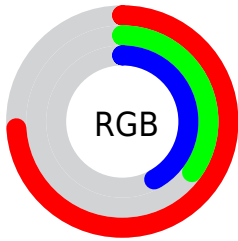
Format	Color
R _Y B	188, 89, 107
Decimal	12343659
CIE Lab	50.57, 41.66, 8.91
CIE LCh	51, 42.605, 12.067
Yxy	18.8998, 0.4350, 0.3047
Android (android.graphics.Color)	4290533739 (0xFFBC596B)
YUV	120.6530, -6.7309, 59.0633
Hunter-Lab	43.4739, 34.6980, 8.4065

Details

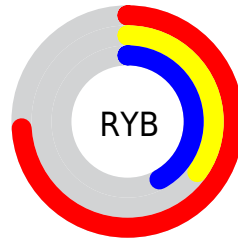
The YIQ color **120.6530, 53.2260, 26.5860** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **156.3470, -53.2260, -26.5860**, and the grayscale version is **121.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **175.2190, 57.4440, 27.2360**, and **67.7280, 48.6410, 27.0810** is the 20% darker color. If you saturate the color by 10%, you get **107.7900, 63.2660, 31.8580**, and if you desaturate by 10%, it is **133.5160, 43.1860, 21.3140**.

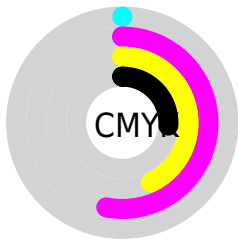
Distribution



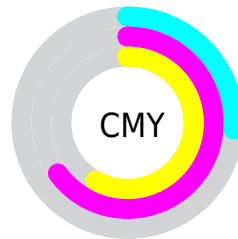
- Red (74%)
- Green (35%)
- Blue (42%)



- Red (74%)
- Yellow (35%)
- Blue (42%)



- Cyan (0%)
- Magenta (53%)
- Yellow (43%)
- Black (26%)




- Cyan (26%)
- Magenta (65%)
- Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 120.6530, 53.2260, 26.5860 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 120.6530, 53.2260, 26.5860 by changing the saturation by 10% instead.


 120.6530, 53.2260,
26.5860


 120.6530, 53.2260,
26.5860

255.0000, -0.0000,
-0.0000


 93.9840, 50.7960,
26.5720


 175.2190, 57.4440,
27.2360


 67.7280, 48.6410,
27.0810


 196.5380, 46.1200,
23.2080


 37.4770, 48.0900,
31.5620

 216.1660, 29.4320,
17.2720

 24.7760, 39.5180,
21.7100

 236.3810, 12.4690,
10.8130

 15.7760, 30.3500,
11.6460

 0.8970, 1.7880,
0.6360

 0.0000, 0.0000,

0.0000

■ 120.6530, 53.2260,
26.5860

■ 120.6530, 53.2260,
26.5860

■ 107.7900, 63.2660,
31.8580

■ 133.5160, 43.1860,
21.3140

■ 94.8130, 73.6270,
36.8190

■ 146.4930, 32.8250,
16.3530

■ 82.5370, 83.3920,
41.5680

■ 158.7690, 23.0600,
11.6040

■ 69.6740, 93.4320,
46.8400

■ 171.7460, 12.6990,
6.6430

■ 60.0880, 101.1340,
50.4300

■ 184.6090, 2.6590,
1.3710

■ 197.4720, -7.3810,
-3.9010

■ 210.4490,
-17.7420, -8.8620

■ 222.7250,
-27.5070, -13.6110

■ 233.8270,
-36.7220, -17.3140

Harmonies

Analogous

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



123.0440, 33.3720, 33.9800



120.6530, 53.2260, 26.5860



119.3800, 57.7680, 10.3440

Triad

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



120.6530, 53.2260, 26.5860



110.7930, -4.9920, -30.6880



97.8560, -96.4190, -9.2110

Complementary

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



120.6530, 53.2260, 26.5860



156.3470, -53.2260, -26.5860

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.



99.5710, -91.6030, -19.4030



120.6530, 53.2260, 26.5860



97.4570, -56.8920, -37.2440

Square

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



120.6530, 53.2260, 26.5860



115.3040, 27.4220, -23.4100



96.8690, -81.2390, -31.0230



116.7430, -43.9720, 14.9720

Rectangle

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



120.6530, 53.2260, 26.5860



118.8380, 53.0020, -2.4060



96.8690, -81.2390, -31.0230



99.0470, -95.6390, -12.3350

Sweetspot

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



120.6530, 53.2260, 26.5860



218.4590, 20.9970, 10.4450



124.5050, 16.4970, 47.9610



106.3330, 12.4240, 6.1200



250.0000, 0.0000, 0.0000



122.0000, 0.0000, -0.0000

Same Dimension

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



120.6530, 53.2260, 26.5860



140.2380, 82.7960, 41.3560



136.7980, 50.4790, 4.7750



87.9190, 4.7220, 2.5300



50.5480, 84.8590, 42.5150



9.9530, 16.5500, 8.4380

Inverse Universe

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



120.6530, 53.2260, 26.5860



140.2380, 82.7960, 41.3560



140.2020, -50.4790, -4.7750



87.9190, 4.7220, 2.5300



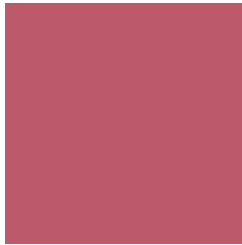
50.5480, 84.8590, 42.5150



9.9530, 16.5500, 8.4380

Previews

White Background



This preview shows how the YIQ color 120.6530, 53.2260, 26.5860 looks on a white background.

Color Contrast Check

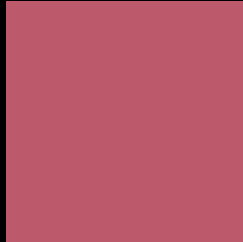
Large Text (above 18pt) WCAG AA ✓ Pass

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 120.6530, 53.2260, 26.5860 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

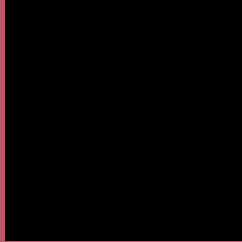
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 120.6530, 53.2260, 26.5860

Background



This preview shows how black text looks on a background with the YIQ color 120.6530, 53.2260, 26.5860.



This preview shows how white text looks on a background with the YIQ color 120.6530, 53.2260,

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

120.6530, 53.2260, 26.5860

Protanopia

121.0540, -0.0920, 1.6680

Deuteranopia

121.3950, 17.8810, 0.8330



Tritanopia

120.3880, 55.2900, 22.2180

Trichromacy



Original Color

120.6530, 53.2260, 26.5860

Protanomaly

121.0890, 19.1630, 10.6430

Deuteranomaly

121.0210, 31.0380, 10.1900

Tritanomaly

120.2570, 54.2810, 23.9850

Monochromacy



Original Color

120.6530, 53.2260, 26.5860

Achromatopsia

121.0000, -0.0000, 0.0000

Achromatomaly

120.5620, 19.2090, 9.8090

CSS Examples

Text

The CSS property to change the color of the text to YIQ 120.6530, 53.2260, 26.5860 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(188, 89, 107)` looks like.

```
.text, #text, p{  
    color:rgb(188, 89, 107)  
}
```

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(188, 89, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 89, 107) }
```

Border

The CSS property to change the border of an element to YIQ 120.6530, 53.2260, 26.5860 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(188, 89, 107) }
```


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

```
.border{ border-color:rgb(188, 89, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 89, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(188, 89, 107); -webkit-box-shadow:4px 4px 4px 4px rgb(188, 89, 107); box-shadow:4px 4px 4px 4px rgb(188, 89, 107) }
```

Background

The CSS property to change the background color of an element to YIQ 120.6530, 53.2260, 26.5860 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 89, 107) }
```

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

```
.background{ background-color: rgb(188, 89,  
107) }
```

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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