

Converting Colors

YIQ(108.8110, 49.6050, 20.6210)

Have a look what the booklet for
YIQ(108.8110, 49.6050, 20.6210)
contains.

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Color

**YIQ(108.8110, 49.6050,
20.6210)**

Conversions

Conversions Part 1

Format	Color
Hex	A95259
RGB	169, 82, 89
RGB Percent	66%, 32%, 35%
CMY	0.3370, 0.6786, 0.6508
CMYK	0.00, 0.52, 0.47, 0.34
HSL	355°, 35%, 49%
HSV	355°, 52%, 66%
XYZ	21.1935, 15.1921, 11.2773
YIQ	108.8110, 49.6050, 20.6210

Conversions

Conversions Part 2

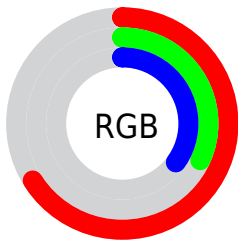
Format	Color
RYB	169, 82, 89
Decimal	11096665
CIELab	45.90, 36.40, 12.79
CIElCh	46, 38.585, 19.363
Yxy	15.1921, 0.4447, 0.3187
Android (android.graphics.Color)	4289286745 (0xFFA95259)
YUV	108.8110, -9.7668, 52.7858
Hunter-Lab	38.9771, 28.8481, 10.1295

Details

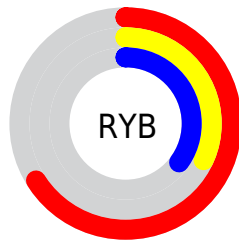
The YIQ color **108.8110, 49.6050, 20.6210** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **142.1890, -49.6050, -20.6210**, and the grayscale version is **109.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **162.3770, 53.8230, 21.2710**, and **57.5870, 44.4240, 20.9040** is the 20% darker color. If you saturate the color by 10%, you get **97.1220, 59.0950, 24.8470**, and if you desaturate by 10%, it is **120.6140, 39.7940, 16.7060**.

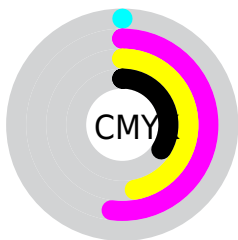
Distribution



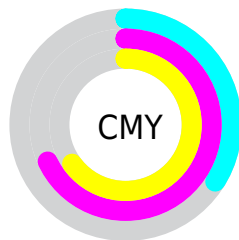
- Red (66%)
- Green (32%)
- Blue (35%)



- Red (66%)
- Yellow (32%)
- Blue (35%)



- Cyan (0%)
- Magenta (52%)
- Yellow (47%)
- Black (34%)





- Cyan (34%)
- Magenta (68%)
- Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 108.8110, 49.6050, 20.6210 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 108.8110, 49.6050, 20.6210 by changing the saturation by 10% instead.


 108.8110, 49.6050,
20.6210


 108.8110, 49.6050,
20.6210


255.0000, -0.0000,
-0.0000


 83.1420, 47.1750,
20.6070


 162.3770, 53.8230,
21.2710


 57.5870, 44.4240,
20.9040


 189.5620, 54.7400,
21.1720


 29.5100, 43.3230,
24.3390

 208.4890, 38.6480,
15.4480

 17.9400, 35.7600,
12.7200

 228.1170, 21.9600,
9.5120

 9.6820, 18.7510,
7.0950

 248.4460, 4.6760,
3.3640

 0.0000, 0.0000,
0.0000

■ 108.8110, 49.6050,
20.6210

■ 108.8110, 49.6050,
20.6210

■ 97.1220, 59.0950,
24.8470

■ 120.6140, 39.7940,
16.7060

■ 85.3190, 68.9060,
28.7620

■ 132.3030, 30.3040,
12.4800

■ 73.5160, 78.7170,
32.6770

■ 144.1060, 20.4930,
8.5650

■ 61.8270, 88.2070,
36.9030

■ 155.7950, 11.0030,
4.3390

■ 52.1270, 96.2300,
40.1820

■ 167.0110, 1.4670,
0.9470

■ 178.7000, -8.0230,
-3.2790

■ 190.5030,
-17.8340, -7.1940

■ 202.1920,

-27.3240, -11.4200

■ 213.9950,
-37.1350, -15.3350

Harmonies

Analogous

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



110.4800, 34.8400, 29.4000



108.8110, 49.6050, 20.6210



107.9120, 50.1580, 5.0860

Triad

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



108.8110, 49.6050, 20.6210



98.4810, -12.7410, -27.9170



87.7000, -87.1120, -7.1760

Complementary

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



108.8110, 49.6050, 20.6210



142.1890, -49.6050, -20.6210

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.



89.5120, -83.9470, -14.9790



108.8110, 49.6050, 20.6210



83.7320, -64.9160, -34.9960

Square

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



108.8110, 49.6050, 20.6210



103.4540, 18.2520, -22.4200



88.0810, -75.7840, -25.2560



108.5230, -28.6130, 17.4590

Rectangle

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



108.8110, 49.6050, 20.6210



107.1250, 44.7040, -6.2080



88.0810, -75.7840, -25.2560



88.5320, -86.6990, -9.1550

Sweetspot

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



108.8110, 49.6050, 20.6210



196.2090, 18.7050, 7.9290



115.8380, 19.7530, 44.0170



96.2080, 11.2780, 4.8620



237.0000, -0.0000, -0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



108.8110, 49.6050, 20.6210



124.9180, 77.5250, 32.2530



129.1450, 41.9520, -0.3840



78.3920, 4.7680, 1.6960



45.6200, 84.3560, 35.1080



6.2080, 11.2780, 4.8620

Inverse Universe

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



108.8110, 49.6050, 20.6210



124.9180, 77.5250, 32.2530



121.8550, -41.9520, 0.3840



78.3920, 4.7680, 1.6960



45.6200, 84.3560, 35.1080



6.2080, 11.2780, 4.8620

Previews

White Background



This preview shows how the YIQ color 108.8110, 49.6050, 20.6210 looks on a white background.

Color Contrast Check

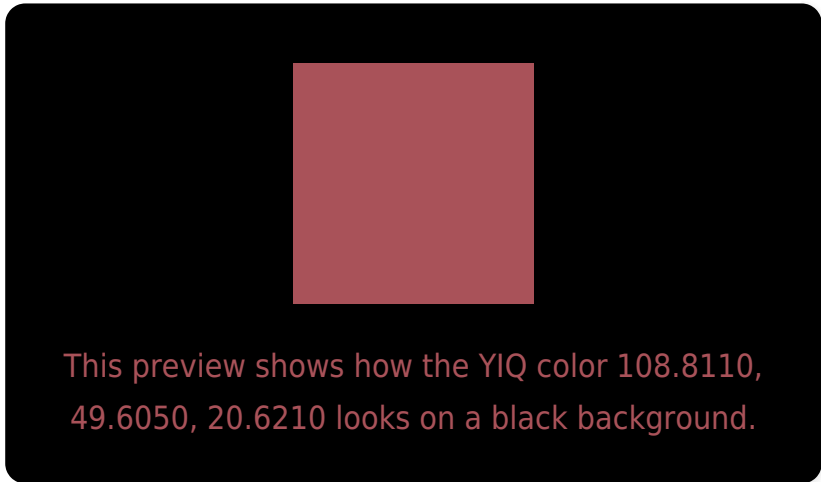
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

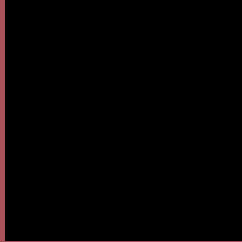
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 108.8110, 49.6050, 20.6210

Background



This preview shows how black text looks on a background with the YIQ color 108.8110, 49.6050, 20.6210.

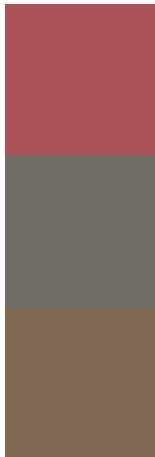


This preview shows how white text looks on a background with the YIQ color 108.8110, 49.6050,

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

108.8110, 49.6050, 20.6210

Protanopia

109.5120, 4.3100, -1.0180

Deuteranopia

109.5970, 20.1280, -1.3440



Tritanopia

108.6970, 49.9260, 20.3100

Trichromacy



Original Color

108.8110, 49.6050, 20.6210

Protanomaly

109.0520, 20.5850, 6.8970

Deuteranomaly

109.5000, 30.9470, 6.3310

Tritanomaly

108.6970, 49.9260, 20.3100

Monochromacy



Original Color

108.8110, 49.6050, 20.6210

Achromatopsia

109.0000, -0.0000, 0.0000

Achromatomaly

108.9100, 18.1090, 7.7170

CSS Examples

Text

The CSS property to change the color of the text to YIQ 108.8110, 49.6050, 20.6210 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(169, 82, 89)` looks like.

```
.text, #text, p{  
    color:rgb(169, 82, 89)  
}
```

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(169, 82, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 82, 89) }
```

Border

The CSS property to change the border of an element to YIQ 108.8110, 49.6050, 20.6210 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(169, 82, 89) }
```


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

```
.border{ border-color:rgb(169, 82, 89) }
```

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

Here you see how a box with a 4 pixel rgb(169, 82, 89) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 82, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 82, 89);  
box-shadow:4px 4px 4px 4px rgb(169, 82,  
89) }
```

Background

The CSS property to change the background color of an element to YIQ 108.8110, 49.6050, 20.6210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 82, 89) }
```

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

```
.background{ background-color: rgb(169, 82,  
89) }
```

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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