

Converting Colors

YIQ(111.8720, 47.6350, 12.2670)

Have a look what the booklet for
YIQ(111.8720, 47.6350, 12.2670)
contains.

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Color

**YIQ(111.8720, 47.6350,
12.2670)**

Conversions

Conversions Part 1

Format	Color
Hex	A55B50
RGB	165, 91, 80
RGB Percent	65%, 36%, 31%
CMY	0.3528, 0.6432, 0.6861
CMYK	0.00, 0.45, 0.51, 0.35
HSL	8°, 35%, 48%
HSV	8°, 51%, 65%
XYZ	20.7143, 16.0607, 9.6075
YIQ	111.8720, 47.6350, 12.2670

Conversions

Conversions Part 2

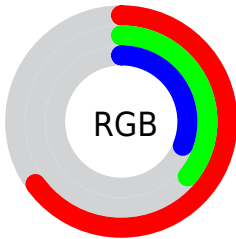
Format	Color
R_{YB}	165, 93, 80
Decimal	10836816
CIE _{Lab}	47.05, 29.11, 19.68
CIE _{LCh}	47, 35.135, 34.055
Yxy	16.0607, 0.4466, 0.3463
Android (android.graphics.Color)	4289026896 (0xFFA55B50)
YUV	111.8720, -15.7129, 46.5933
Hunter-Lab	40.0759, 22.1298, 13.8394

Details

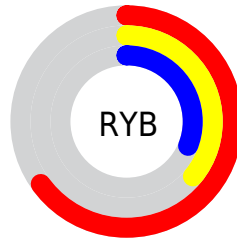
The YIQ color **111.8720, 47.6350, 12.2670** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **133.1280, -47.6350, -12.2670**, and the grayscale version is **112.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **164.7370, 52.4490, 13.1290**, and **61.8220, 41.9040, 11.5040** is the 20% darker color. If you saturate the color by 10%, you get **101.8300, 56.6210, 14.6130**, and if you desaturate by 10%, it is **122.0280, 38.3280, 10.2320**.

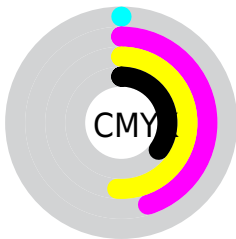
Distribution



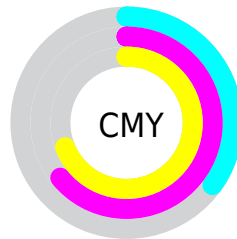
- Red (65%)
- Green (36%)
- Blue (31%)



- Red (65%)
- Yellow (36%)
- Blue (31%)



- Cyan (0%)
- Magenta (45%)
- Yellow (51%)
- Black (35%)



- Cyan (35%)
- Magenta (64%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 111.8720, 47.6350, 12.2670 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 111.8720, 47.6350, 12.2670 by changing the saturation by 10% instead.

■ 111.8720, 47.6350,
12.2670

■ 111.8720, 47.6350,
12.2670

■ 255.0000, -0.0000,
-0.0000

■ 86.7900, 44.9300,
11.7300

■ 164.7370, 52.4490,
13.1290

■ 61.8220, 41.9040,
11.5040

■ 192.5200, 54.5580,
13.4540

■ 37.6800, 39.4280,
12.3240

■ 212.6320, 39.3830,
7.6310

■ 17.0430, 33.9720,
12.0840

■ 232.2600, 22.6950,
1.6950

■ 9.0840, 17.5590,
6.6710

■ 252.4750, 5.7320,
-4.7640

■ 0.0000, 0.0000,
0.0000

■ 111.8720, 47.6350,
12.2670

■ 111.8720, 47.6350,
12.2670

■ 101.8300, 56.6210,
14.6130

■ 122.0280, 38.3280,
10.2320

■ 91.0870, 66.2030,
17.1710

■ 132.6570, 29.0670,
7.3630

■ 81.0450, 75.1890,
19.5170

■ 142.8130, 19.7600,
5.3280

■ 70.3020, 84.7710,
22.0750

■ 153.4420, 10.4990,
2.4590

■ 61.6620, 92.5650,
23.9970

■ 163.5980, 1.1920,
0.4240

■ 173.6400, -7.7940,
-1.9220

■ 184.3830,
-17.3760, -4.4800

■ 194.4250,

-26.3620, -6.8260

■ 204.5810,
-35.6690, -8.8610

Harmonies

Analogous

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



113.1290, 40.0220, 23.5900



111.8720, 47.6350, 12.2670



110.8630, 42.6860, -2.6740

Triad

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



111.8720, 47.6350, 12.2670



99.8090, -28.2840, -27.0680



106.3420, -44.5210, 8.3990

Complementary

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



111.8720, 47.6350, 12.2670



133.1280, -47.6350, -12.2670

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.



89.7230, -85.9190, -12.2790



111.8720, 47.6350, 12.2670



87.6590, -71.8400, -30.6560

Square

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



111.8720, 47.6350, 12.2670



105.2120, 4.3140, -23.1260



90.3780, -80.8740, -21.1140



113.8090, -8.8070, 21.9530

Rectangle

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



111.8720, 47.6350, 12.2670



109.6890, 34.0680, -11.6920



90.3780, -80.8740, -21.1140



101.2260, -59.0540, 1.9540

Sweetspot

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



111.8720, 47.6350, 12.2670



193.9160, 17.9720, 4.6920



113.9650, 26.5850, 41.3450



94.8550, 10.7740, 2.9820



235.0000, 0.0000, -0.0000



107.0000, -0.0000, 0.0000

Same Dimension

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



111.8720, 47.6350, 12.2670



130.7460, 74.5930, 19.3050



135.9390, 36.3600, -9.1760



76.2780, 5.0890, 1.3850



54.5080, 81.1950, 20.8030



6.5560, 10.1780, 2.7700

Inverse Universe

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



133.1280, -47.6350, -12.2670



164.2540, -74.5930, -19.3050



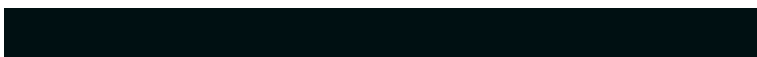
109.0610, -36.3600, 9.1760



78.7220, -5.0890, -1.3850



91.0790, -81.4700, -21.3260



11.4440, -10.1780, -2.7700

Previews

White Background



This preview shows how the YIQ color 111.8720, 47.6350, 12.2670 looks on a white background.

Color Contrast Check

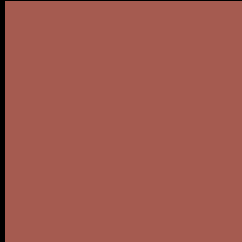
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 111.8720, 47.6350, 12.2670 looks on a 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 111.8720, 47.6350, 12.2670

Background



This preview shows how black text looks on a background with the YIQ color 111.8720, 47.6350, 12.2670.



This preview shows how white text looks on a background with the YIQ color 111.8720, 47.6350,

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

111.8720, 47.6350, 12.2670

Protanopia

111.4710, 11.5550, -5.6690

Deuteranopia

111.6530, 25.7220, -3.6060



Tritanopia

112.7070, 43.9660, 18.1900

Trichromacy



Original Color

111.8720, 47.6350, 12.2670

Protanomaly

111.5160, 24.8500, 1.1860

Deuteranomaly

111.5340, 33.6070, 2.1750

Tritanomaly

112.7240, 45.2960, 16.1120

Monochromacy



Original Color

111.8720, 47.6350, 12.2670

Achromatopsia

112.0000, -0.0000, 0.0000

Achromatomaly

111.6170, 17.3760, 4.4800

CSS Examples

Text

The CSS property to change the color of the text to YIQ 111.8720, 47.6350, 12.2670 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(165, 91, 80)` looks like.

```
.text, #text, p{  
    color:rgb(165, 91, 80)  
}
```

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(165, 91, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 91, 80) }
```

Border

The CSS property to change the border of an element to YIQ 111.8720, 47.6350, 12.2670 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(165, 91, 80) }
```


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

```
.border{ border-color:rgb(165, 91, 80) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 91, 80)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 91, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 91, 80);  
box-shadow:4px 4px 4px 4px rgb(165, 91,  
80) }
```

Background

The CSS property to change the background color of an element to YIQ 111.8720, 47.6350, 12.2670 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 91, 80) }
```

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

```
.background{ background-color: rgb(165, 91,  
80) }
```

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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