

Converting Colors

YIQ(113.7820, 56.5760, 9.9200)

Have a look what the booklet for
YIQ(113.7820, 56.5760, 9.9200)
contains.

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Color

**YIQ(113.7820, 56.5760,
9.9200)**

Conversions

Conversions Part 1

Format	Color
Hex	AE5C44
RGB	174, 92, 68
RGB Percent	68%, 36%, 27%
CMY	0.3175, 0.6393, 0.7331
CMYK	0.00, 0.47, 0.61, 0.32
HSL	14°, 44%, 47%
HSV	14°, 61%, 68%
XYZ	22.3352, 17.0704, 7.5965
YIQ	113.7820, 56.5760, 9.9200

Conversions

Conversions Part 2

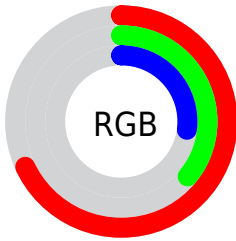
Format	Color
R_{YB}	174, 99, 68
Decimal	11426884
CIE _{Lab}	48.35, 31.18, 28.61
CIE _{LCh}	48, 42.319, 42.538
Yxy	17.0704, 0.4752, 0.3632
Android (android.graphics.Color)	4289616964 (0xFFAE5C44)
YUV	113.7820, -22.5705, 52.8112
Hunter-Lab	41.3163, 24.1920, 18.0203

Details

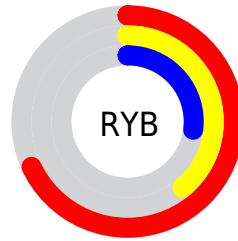
The YIQ color **113.7820, 56.5760, 9.9200** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **128.2180, -56.5760, -9.9200**, and the grayscale version is **114.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **167.5330, 61.7110, 10.4710**, and **62.9600, 50.2030, 9.7790** is the 20% darker color. If you saturate the color by 10%, you get **103.6260, 65.8830, 11.9550**, and if you desaturate by 10%, it is **123.3510, 47.5440, 8.4080**.

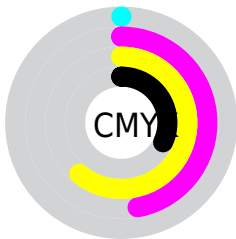
Distribution



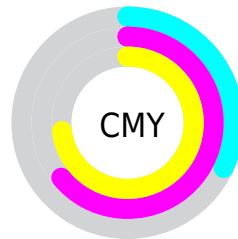
- Red (68%)
- Green (36%)
- Blue (27%)



- Red (68%)
- Yellow (39%)
- Blue (27%)



- Cyan (0%)
- Magenta (47%)
- Yellow (61%)
- Black (32%)



- Cyan (32%)
- Magenta (64%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 113.7820, 56.5760, 9.9200 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 113.7820, 56.5760, 9.9200 by changing the saturation by 10% instead.

■ 113.7820, 56.5760,
9.9200

■ 113.7820, 56.5760,
9.9200

255.0000, -0.0000,
-0.0000

■ 87.8140, 53.5500,
9.6940

■ 167.5330, 61.7110,
10.4710

■ 62.9600, 50.2030,
9.7790

■ 192.2230, 59.6480,
9.3120

■ 37.7640, 47.8190,
8.9310

■ 211.7370, 43.2810,
3.0650

■ 18.5380, 36.9520,
13.1440

■ 231.2510, 26.9140,
-3.1820

■ 11.4760, 22.3270,
8.3670

■ 251.4660, 9.9510,
-9.6410

■ 0.0000, 0.0000,
0.0000

254.7720, 0.6420,

-0.6220

■ 113.7820, 56.5760,
9.9200

■ 113.7820, 56.5760,
9.9200

■ 103.6260, 65.8830,
11.9550

■ 123.3510, 47.5440,
8.4080

■ 93.9430, 75.2360,
13.1560

■ 133.6210, 37.9160,
6.6840

■ 84.3740, 84.2680,
14.6680

■ 143.1900, 28.8840,
5.1720

■ 74.9190, 92.9790,
16.4910

■ 153.4600, 19.2560,
3.4480

■ 163.0290, 10.2240,
1.9360

■ 173.1850, 0.9170,
-0.0990

■ 182.8680, -8.4360,
-1.3000

■ 193.0240,
-17.7430, -3.3350

■ 202.7070,
-27.0960, -4.5360

Harmonies

Analogous

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



114.9410, 52.3550, 25.8510



113.7820, 56.5760, 9.9200



112.2130, 47.2720, -8.6960

Triad

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



113.7820, 56.5760, 9.9200



88.5810, -63.1730, -39.0530



111.6290, -43.6510, 14.6610

Complementary

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



113.7820, 56.5760, 9.9200



128.2180, -56.5760, -9.9200

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.



93.6500, -92.8430, -7.9390



113.7820, 56.5760, 9.9200



92.7770, -77.9840, -29.4400

Square

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



113.7820, 56.5760, 9.9200



105.0210, -5.6340, -30.0660



95.3650, -88.0270, -18.1310



118.2280, 0.4990, 29.5150

Rectangle

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



113.7820, 56.5760, 9.9200



110.8320, 34.8030, -19.5090



95.3650, -88.0270, -18.1310



104.8220, -63.5480, 6.3080

Sweetspot

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



113.7820, 56.5760, 9.9200



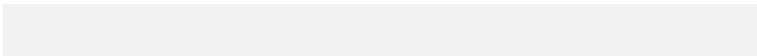
203.5420, 21.9610, 3.9850



109.1560, 36.5330, 48.2850



100.4100, 13.5250, 2.6850



242.0000, -0.0000, 0.0000



115.0000, -0.0000, 0.0000

Same Dimension

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



113.7820, 56.5760, 9.9200



132.9400, 88.4860, 15.3180



144.3060, 42.2760, -17.2760



81.8650, 4.8140, 0.8620



64.8080, 80.0500, 14.0180



9.8120, 12.3330, 2.2610

Inverse Universe

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



128.2180, -56.5760, -9.9200



155.6470, -88.7610, -15.8410



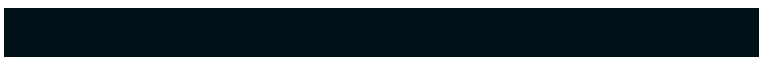
97.6940, -42.2760, 17.2760



83.1350, -4.8140, -0.8620



85.7790, -80.3250, -14.5410



13.1880, -12.3330, -2.2610

Previews

White Background



This preview shows how the YIQ color 113.7820, 56.5760, 9.9200 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 113.7820, 56.5760, 9.9200 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

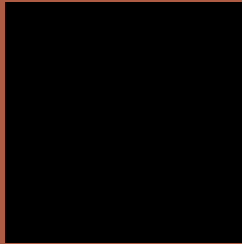
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 113.7820, 56.5760, 9.9200

Background



This preview shows how black text looks on a background with the YIQ color 113.7820, 56.5760, 9.9200.



This preview shows how white text looks on a background with the YIQ color 113.7820, 56.5760,

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

113.7820, 56.5760, 9.9200

Protanopia

113.6580, 18.1580, -9.6980

Deuteranopia

114.0250, 33.2420, -7.7340



Tritanopia

115.1100, 50.2010, 20.8330

Trichromacy



Original Color

113.7820, 56.5760, 9.9200

Protanomaly

114.0020, 32.0490, -2.6310

Deuteranomaly

113.6180, 41.9980, -1.2180

Tritanomaly

114.2580, 52.5400, 16.9880

Monochromacy



Original Color

113.7820, 56.5760, 9.9200

Achromatopsia

114.0000, 0.0000, 0.0000

Achromatomaly

113.9440, 20.7690, 3.5610

CSS Examples

Text

The CSS property to change the color of the text to YIQ 113.7820, 56.5760, 9.9200 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(174, 92, 68)` looks like.

```
.text, #text, p{  
    color:rgb(174, 92, 68)  
}
```

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(174, 92, 68) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 92, 68) }
```

Border

The CSS property to change the border of an element to YIQ 113.7820, 56.5760, 9.9200 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(174, 92, 68) }
```


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

```
.border{ border-color:rgb(174, 92, 68) }
```

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

Here you see how a box with a 4 pixel rgb(174, 92, 68) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 92, 68); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 92, 68);  
box-shadow:4px 4px 4px 4px rgb(174, 92,  
68) }
```

Background

The CSS property to change the background color of an element to YIQ 113.7820, 56.5760, 9.9200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 92, 68) }
```

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

```
.background{ background-color: rgb(174, 92,  
68) }
```

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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