

Converting Colors

YIQ(116.2110, 95.4530, 26.7250)

Have a look what the booklet for
YIQ(116.2110, 95.4530, 26.7250)
contains.

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Color

**YIQ(116.2110, 95.4530,
26.7250)**

Conversions

Conversions Part 1

Format	Color
Hex	E04938
RGB	224, 73, 56
RGB Percent	88%, 29%, 22%
CMY	0.1212, 0.7139, 0.7800
CMYK	0.00, 0.67, 0.75, 0.12
HSL	6°, 73%, 55%
HSV	6°, 75%, 88%
XYZ	33.8627, 20.9048, 6.0045
YIQ	116.2110, 95.4530, 26.7250

Conversions

Conversions Part 2

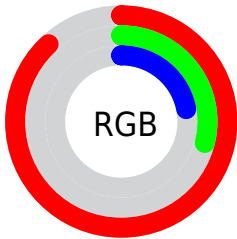
Format	Color
R_{YB}	224, 75, 56
Decimal	14698808
CIE _{Lab}	52.85, 57.71, 42.57
CIE _{LCh}	53, 71.715, 36.415
Yxy	20.9048, 0.5572, 0.3440
Android (android.graphics.Color)	4292888888 (0xFFE04938)
YUV	116.2110, -29.6840, 94.5310
Hunter-Lab	45.7217, 52.1887, 24.2189

Details

The YIQ color **116.2110, 95.4530, 26.7250** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark washed red. A complement of this color would be **163.7890, -95.4530, -26.7250**, and the grayscale version is **116.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **163.8240, 83.1210, 18.9370**, and **49.3930, 92.4250, 37.5530** is the 20% darker color. If you saturate the color by 10%, you get **101.9630, 108.0150, 30.3430**, and if you desaturate by 10%, it is **130.5730, 82.5700, 23.4180**.

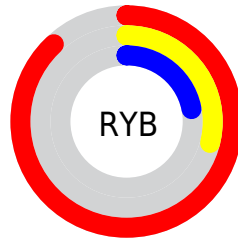
Distribution



Red (88%)

Green (29%)

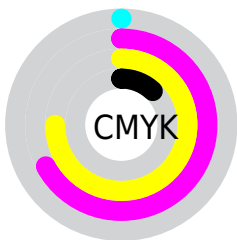
Blue (22%)



Red (88%)

Yellow (29%)

Blue (22%)

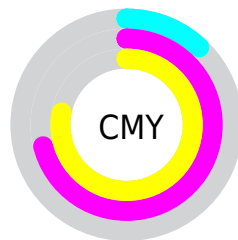


Cyan (0%)

Magenta (67%)

Yellow (75%)

Black (12%)



Cyan (12%)


Magenta (71%)


Yellow (78%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 116.2110, 95.4530, 26.7250 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 116.2110, 95.4530, 26.7250 by changing the saturation by 10% instead.


 116.2110, 95.4530,
26.7250


 116.2110, 95.4530,
26.7250


255.0000, -0.0000,
-0.0000


 86.4110, 92.0140,
28.4780


 163.8240, 83.1210,
18.9370


 49.3930, 92.4250,
37.5530


 183.2240, 67.0750,
12.3790


 38.8700, 77.4800,
27.5600


 203.2110, 50.7540,
5.2980

 29.6010, 59.0040,
20.9880

 223.3120, 34.1120,
-1.4720

 21.1580, 41.0780,
15.4620

 243.5270, 17.1490,
-7.9310

 12.0740, 23.5190,
8.7910

 253.1760, 5.1360,

 0.0000, 0.0000,

-4.9760

0.0000

■ 116.2110, 95.4530,
26.7250

■ 116.2110, 95.4530,
26.7250

■ 101.9630,
108.0150, 30.3430

■ 130.5730, 82.5700,
23.4180

■ 87.6010, 120.8980,
33.6500

■ 144.8210, 70.0080,
19.8000

■ 79.8900, 127.4540,
35.9820

■ 159.0690, 57.4460,
16.1820

■ 174.0180, 44.2880,
12.3520

■ 188.2660, 31.7260,
8.7340

■ 202.6280, 18.8430,
5.4270

■ 216.8760, 6.2810,
1.8090

■ 231.1240, -6.2810,
-1.8090

■ 245.1440,
-18.2010, -6.0490

Harmonies

Analogous

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



112.8280, 87.6070, 58.7990



116.2110, 95.4530, 26.7250



117.8580, 84.6400, -14.1120

Triad

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



116.2110, 95.4530, 26.7250



96.3720, -64.6830, -55.7470



104.8100, -116.0000, 9.7600

Complementary

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



116.2110, 95.4530, 26.7250



163.7890, -95.4530, -26.7250

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.



113.0620, -117.1900, -1.7180



116.2110, 95.4530, 26.7250



105.5430, -86.3730, -37.1010

Square

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



116.2110, 95.4530, 26.7250



105.4800, 5.0540, -58.5780



111.7960, -105.3580, -17.9180



128.6830, -16.2390, 46.5210

Rectangle

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



116.2110, 95.4530, 26.7250



118.5680, 61.4890, -29.5750



111.7960, -105.3580, -17.9180



108.3320, -117.6500, 6.6220

Sweetspot

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



116.2110, 95.4530, 26.7250



219.2660, 31.7260, 8.7340



123.4460, 51.6570, 82.5770



106.5140, 19.1640, 5.1160



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

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



116.2110, 95.4530, 26.7250



107.8580, 130.4800, 36.2080



165.5190, 72.3530, -17.2070



104.8760, 6.2810, 1.8090



63.1900, 99.9460, 27.8980



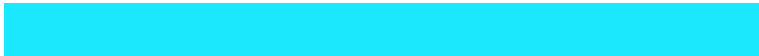
17.2870, 27.2330, 7.5610

Inverse Universe

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



163.7890, -95.4530, -26.7250



172.7290, -130.7550, -36.7310



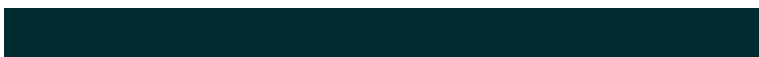
114.4810, -72.3530, 17.2070



108.1240, -6.2810, -1.8090



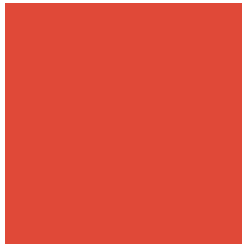
112.8100, -99.9460, -27.8980



31.3000, -27.5080, -8.0840

Previews

White Background



This preview shows how the YIQ color 116.2110, 95.4530, 26.7250 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 116.2110, 95.4530, 26.7250 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 116.2110, 95.4530, 26.7250

Background



This preview shows how black text looks on a background with the YIQ color 116.2110, 95.4530, 26.7250.



This preview shows how white text looks on a background with the YIQ color 116.2110, 95.4530,

26.7250.

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

116.2110, 95.4530, 26.7250

Protanopia

124.4320, 24.4860, -14.2500

Deuteranopia

122.9260, 46.4020, -14.9580



Tritanopia

117.3880, 90.8210, 33.5810

Trichromacy



Original Color

116.2110, 95.4530, 26.7250

Protanomaly

121.2770, 50.3880, 0.9160

Deuteranomaly

120.5790, 64.0970, 0.2650

Tritanomaly

117.1770, 92.7930, 30.8810

Monochromacy



Original Color

116.2110, 95.4530, 26.7250

Achromatopsia

116.0000, -0.0000, 0.0000

Achromatomaly

115.7610, 34.7060, 9.7940

CSS Examples

Text

The CSS property to change the color of the text to YIQ 116.2110, 95.4530, 26.7250 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(224, 73, 56)` looks like.

```
.text, #text, p{  
    color:rgb(224, 73, 56)  
}
```

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(224, 73, 56) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 73, 56) }
```

Border

The CSS property to change the border of an element to YIQ 116.2110, 95.4530, 26.7250 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(224, 73, 56) }
```


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

```
.border{ border-color:rgb(224, 73, 56) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 73, 56)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 73, 56); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 73, 56);  
box-shadow:4px 4px 4px 4px rgb(224, 73,  
56) }
```

Background

The CSS property to change the background color of an element to YIQ 116.2110, 95.4530, 26.7250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 73, 56) }
```

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

```
.background{ background-color: rgb(224, 73,  
56) }
```

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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