

Converting Colors

YIQ(41.5190, 56.2990, 20.4510)

Have a look what the booklet for
YIQ(41.5190, 56.2990, 20.4510)
contains.

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Color

**YIQ(41.5190, 56.2990,
20.4510)**

Conversions

Conversions Part 1

Format	Color
Hex	6C0D0E
RGB	108, 13, 14
RGB Percent	42%, 5%, 5%
CMY	0.5762, 0.9491, 0.9449
CMYK	0.00, 0.88, 0.87, 0.58
HSL	359°, 79%, 24%
HSV	359°, 88%, 42%
XYZ	6.4144, 3.5105, 0.7570
YIQ	41.5190, 56.2990, 20.4510

Conversions

Conversions Part 2

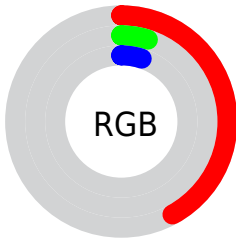
Format	Color
RYB	108, 13, 14
Decimal	7081230
CIELab	21.98, 39.85, 27.07
CIElCh	22, 48.178, 34.189
Yxy	3.5105, 0.6005, 0.3286
Android (android.graphics.Color)	4285271310 (0xFF6C0D0E)
YUV	41.5190, -13.5669, 58.3038
Hunter-Lab	18.7362, 28.3220, 10.7199

Details

The YIQ color **41.5190, 56.2990, 20.4510** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **79.4810, -56.2990, -20.4510**, and the grayscale version is **42.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **96.0480, 61.9390, 17.3550**, and **16.2600, 31.8630, 11.7590** is the 20% darker color. If you saturate the color by 10%, you get **33.8080, 62.8550, 22.7830**, and if you desaturate by 10%, it is **49.2300, 49.7430, 18.1190**.

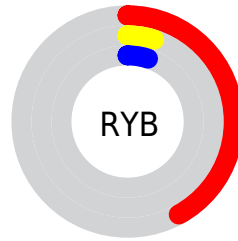
Distribution



Red (42%)

Green (5%)

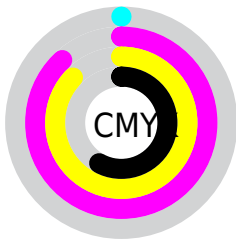
Blue (5%)



Red (42%)

Yellow (5%)

Blue (5%)

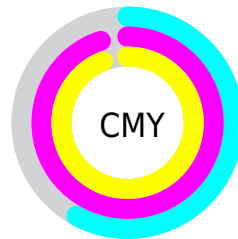


Cyan (0%)

Magenta (88%)

Yellow (87%)

Black (58%)



Cyan (58%)


Magenta (95%)


Yellow (94%)


Brightness & Saturation Gradients


These gradients show how the YIQ color 41.5190, 56.2990, 20.4510 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 41.5190, 56.2990, 20.4510 by changing the saturation by 10% instead.


 41.5190, 56.2990,
20.4510


 41.5190, 56.2990,
20.4510


 253.0620, 5.4570,
-5.2870


 23.9200, 47.6800,
16.9600

 96.0480, 61.9390,
17.3550


 16.2600, 31.8630,
11.7590


 122.3150, 65.5610,
17.7930

 3.8870, 7.7480,
2.7560

 149.2830, 68.5870,
18.0190

 0.0000, 0.0000,
0.0000

 176.6530, 70.4210,
17.8210

 195.4660, 54.6500,
11.7860

 214.9800, 38.2830,

5.5390

■ 235.1950, 21.3200,
-0.9200

■ 41.5190, 56.2990,
20.4510

■ 41.5190, 56.2990,
20.4510

■ 33.8080, 62.8550,
22.7830

■ 49.2300, 49.7430,
18.1190

■ 32.4060, 64.0470,
23.2070

■ 56.8270, 43.5080,
15.4760

■ 63.9510, 37.2270,
13.6670

■ 71.6620, 30.6710,
11.3350

■ 79.2590, 24.4360,
8.6920

■ 86.9700, 17.8800,
6.3600

■ 94.6810, 11.3240,
4.0280

■ 101.8050, 5.0430,
2.2190

■ 109.4020, -1.1920,
-0.4240

Harmonies

Analogous

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



39.3730, 51.6190, 39.1950



41.5190, 56.2990, 20.4510



49.2160, 43.1900, -0.7940

Triad

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



41.5190, 56.2990, 20.4510



40.2070, -23.6530, -28.3970



47.1220, -55.5250, 9.5870

Complementary

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



41.5190, 56.2990, 20.4510



79.4810, -56.2990, -20.4510

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.



51.0200, -55.4780, 3.2260



41.5190, 56.2990, 20.4510



45.8270, -36.7220, -17.3140

Square

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



41.5190, 56.2990, 20.4510



42.9830, -2.4710, -26.8150



49.8170, -47.9570, -6.4290



52.8070, -14.4930, 25.8830

Rectangle

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



41.5190, 56.2990, 20.4510



50.2910, 29.4370, -10.3630



49.8170, -47.9570, -6.4290



49.4700, -56.6250, 7.4950

Sweetspot

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



41.5190, 56.2990, 20.4510



114.7640, 21.4560, 7.6320



51.6370, 24.9330, 49.2610



55.6920, 12.7910, 4.9750



199.0000, -0.0000, 0.0000



71.0000, -0.0000, -0.0000

Same Dimension

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



41.5190, 56.2990, 20.4510



42.0880, 82.7980, 30.3020



68.4070, 43.9700, -3.9180



49.7940, 3.5760, 1.2720



35.0970, 69.4110, 25.1150



73.5970, 145.0570, 52.8730

Inverse Universe

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



41.5190, 56.2990, 20.4510



42.0880, 82.7980, 30.3020



52.5930, -43.9700, 3.9180



49.7940, 3.5760, 1.2720



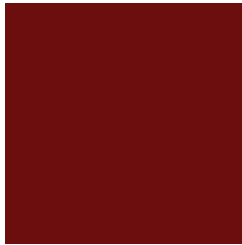
35.0970, 69.4110, 25.1150



73.5970, 145.0570, 52.8730

Previews

White Background



This preview shows how the YIQ color 41.5190, 56.2990, 20.4510 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 ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

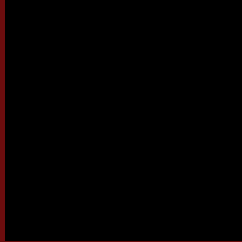
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 41.5190, 56.2990, 20.4510

Background



This preview shows how black text looks on a background with the YIQ color 41.5190, 56.2990, 20.4510.

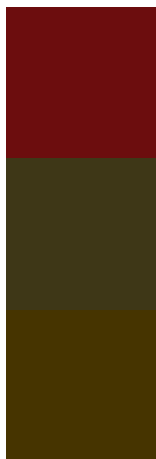


This preview shows how white text looks on a background with the YIQ color 41.5190, 56.2990,

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

41.5190, 56.2990, 20.4510

Protanopia

53.4450, 14.4440, -8.4680

Deuteranopia

51.4540, 27.4200, -12.3560



Tritanopia

41.1770, 57.2620, 19.5180

Trichromacy



Original Color

41.5190, 56.2990, 20.4510

Protanomaly

49.3810, 29.6640, 2.0480

Deuteranomaly

47.9920, 38.0090, -0.5110

Tritanomaly

41.2910, 56.9410, 19.8290

Monochromacy



Original Color

41.5190, 56.2990, 20.4510

Achromatopsia

42.0000, -0.0000, -0.0000

Achromatomaly

41.5790, 20.5390, 7.7310

CSS Examples

Text

The CSS property to change the color of the text to YIQ 41.5190, 56.2990, 20.4510 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(108, 13, 14)` looks like.

```
.text, #text, p{  
    color:rgb(108, 13, 14)  
}
```

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(108, 13, 14) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 13, 14) }
```

Border

The CSS property to change the border of an element to YIQ 41.5190, 56.2990, 20.4510 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(108, 13, 14) }
```


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

```
.border{ border-color:rgb(108, 13, 14) }
```

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

Here you see how a box with a 4 pixel rgb(108, 13, 14) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 13, 14); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 13, 14);  
box-shadow:4px 4px 4px 4px rgb(108, 13,  
14) }
```

Background

The CSS property to change the background color of an element to YIQ 41.5190, 56.2990, 20.4510 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 13, 14) }
```

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

```
.background{ background-color: rgb(108, 13,  
14) }
```

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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