

Converting Colors

YIQ(56.6710, 26.4520, 16.2120)

Have a look what the booklet for
YIQ(56.6710, 26.4520, 16.2120)
contains.

YIQ(56.6710, 26.4520, 16.2120)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(56.6710, 26.4520,
16.2120)**

Conversions

Conversions Part 1

Format	Color
Hex	5C2737
RGB	92, 39, 55
RGB Percent	36%, 15%, 22%
CMY	0.6391, 0.8471, 0.7842
CMYK	0.00, 0.58, 0.40, 0.64
HSL	342°, 40%, 26%
HSV	342°, 58%, 36%
XYZ	5.8320, 4.0027, 4.0826
YIQ	56.6710, 26.4520, 16.2120

Conversions

Conversions Part 2

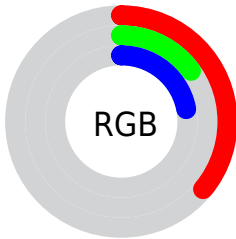
Format	Color
R_{YB}	92, 39, 55
Decimal	6039351
CIE _{Lab}	23.68, 26.17, 1.47
CIE _{LCh}	24, 26.216, 3.223
Yxy	4.0027, 0.4190, 0.2876
Android (android.graphics.Color)	4284229431 (0xFF5C2737)
YUV	56.6710, -0.8238, 30.9835
Hunter-Lab	20.0068, 17.0212, 1.9060

Details

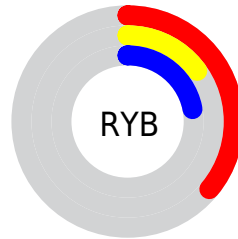
The YIQ color **56.6710, 26.4520, 16.2120** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **74.3290, -26.4520, -16.2120**, and the grayscale version is **57.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **105.1660, 29.4320, 17.2720**, and **14.7090, 23.2890, 12.9610** is the 20% darker color. If you saturate the color by 10%, you get **50.7040, 30.8530, 19.0530**, and if you desaturate by 10%, it is **62.6380, 22.0510, 13.3710**.

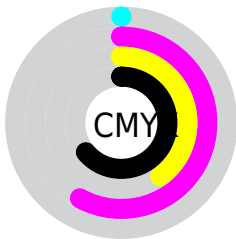
Distribution



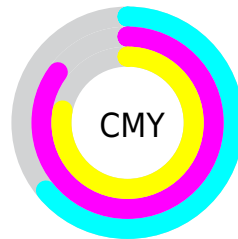
- Red (36%)
- Green (15%)
- Blue (22%)



- Red (36%)
- Yellow (15%)
- Blue (22%)



- Cyan (0%)
- Magenta (58%)
- Yellow (40%)
- Black (64%)



- Cyan (64%)
- Magenta (85%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 56.6710, 26.4520, 16.2120 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 56.6710, 26.4520, 16.2120 by changing the saturation by 10% instead.

■ 56.6710, 26.4520,
16.2120

■ 56.6710, 26.4520,
16.2120

■ 255.0000, -0.0000,
-0.0000

■ 33.3010, 24.6180,
16.4100

■ 105.1660, 29.4320,
17.2720

■ 14.7090, 23.2890,
12.9610

■ 131.0630, 31.2200,
17.9080

■ 0.0000, 0.0000,
0.0000

■ 157.6610, 32.4120,
18.3320

■ 184.8460, 33.3290,
18.2330

■ 211.9600, 33.0080,
18.5440

■ 231.5880, 16.3200,

12.6080

250.8910, 1.9250,
3.6610

56.6710, 26.4520,
16.2120

56.6710, 26.4520,
16.2120

50.7040, 30.8530,
19.0530

62.6380, 22.0510,
13.3710

44.6230, 35.5750,
21.5830

68.7190, 17.3290,
10.8410

38.0690, 40.2510,
24.9470

75.2730, 12.6530,
7.4770

31.9880, 44.9730,
27.4770

81.3540, 7.9310,
4.9470

30.7000, 45.8440,
28.2120

87.3210, 3.5300,
2.1060

■ 93.4020, -1.1920,
-0.4240

■ 99.3690, -5.5930,
-3.2650

■ 105.9230,
-10.2690, -6.6290

■ 112.0040,
-14.9910, -9.1590

Harmonies

Analogous

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



58.1950, 13.2930, 17.9090



56.6710, 26.4520, 16.2120



55.9670, 31.1300, 8.5220

Triad

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



56.6710, 26.4520, 16.2120



51.7700, 2.9830, -15.5210



47.3550, -46.5360, -4.6480

Complementary

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



56.6710, 26.4520, 16.2120



74.3290, -26.4520, -16.2120

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.



47.5200, -42.8670, -10.5710



56.6710, 26.4520, 16.2120



47.5700, -19.9410, -18.5730

Square

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



56.6710, 26.4520, 16.2120



54.0170, 18.5250, -10.8430



45.3540, -36.7680, -16.4800



51.2690, -34.2500, 3.9740

Rectangle

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



56.6710, 26.4520, 16.2120



55.2670, 29.9850, 1.7370



45.3540, -36.7680, -16.4800



47.4860, -45.5270, -6.4150

Sweetspot

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



56.6710, 26.4520, 16.2120



106.0770, 10.2690, 6.6290



55.8060, 4.4430, 24.1150



53.0440, 5.8680, 3.7880



189.0000, -0.0000, -0.0000



61.0000, 0.0000, -0.0000

Same Dimension

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



56.6710, 26.4520, 16.2120



64.6670, 41.4430, 25.3710



60.7170, 28.8380, 6.0060



42.7230, 2.3380, 1.6820



36.6520, 54.9670, 33.5830



79.0710, 118.1400, 72.6360

Inverse Universe

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



56.6710, 26.4520, 16.2120



64.6670, 41.4430, 25.3710



70.2830, -28.8380, -6.0060



42.7230, 2.3380, 1.6820



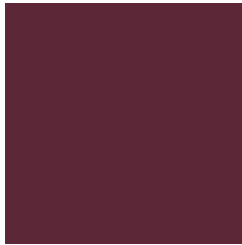
36.6520, 54.9670, 33.5830



79.0710, 118.1400, 72.6360

Previews

White Background



This preview shows how the YIQ color 56.6710, 26.4520, 16.2120 looks on a white background.

Color Contrast Check

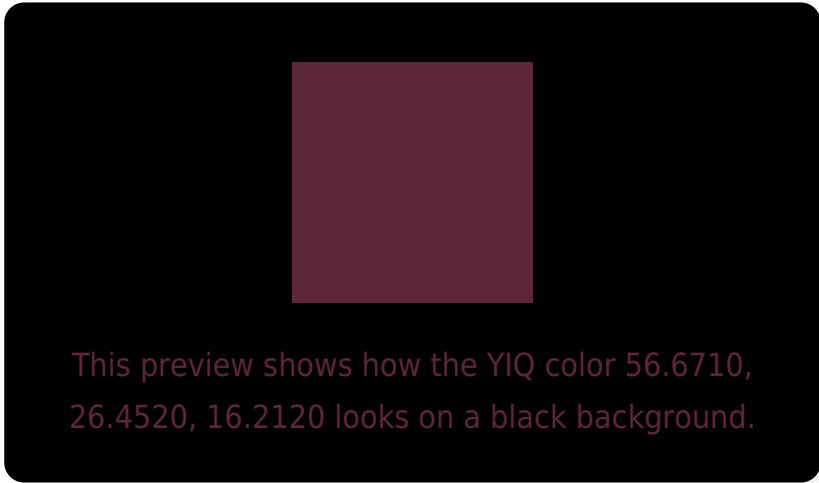
Large Text (above 18pt) WCAG AA ✓ Pass

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

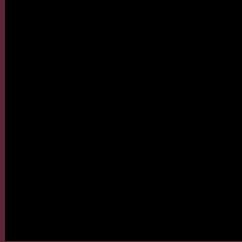
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 56.6710, 26.4520, 16.2120

Background



This preview shows how black text looks on a background with the YIQ color 56.6710, 26.4520, 16.2120.



This preview shows how white text looks on a background with the YIQ color 56.6710, 26.4520,

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

56.6710, 26.4520, 16.2120

Protanopia

57.6130, -3.1640, 2.2760

Deuteranopia

57.4630, 6.0060, 1.2860



Tritanopia

56.2920, 28.8370, 11.5330

Trichromacy



Original Color

56.6710, 26.4520, 16.2120

Protanomaly

56.9350, 7.7930, 7.4490

Deuteranomaly

57.0450, 13.2950, 6.8550

Tritanomaly

56.1610, 27.8280, 13.3000

Monochromacy



Original Color

56.6710, 26.4520, 16.2120

Achromatopsia

57.0000, 0.0000, 0.0000

Achromatomaly

56.6640, 9.9940, 6.1060

CSS Examples

Text

The CSS property to change the color of the text to YIQ 56.6710, 26.4520, 16.2120 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(92, 39, 55)` looks like.

```
.text, #text, p{  
    color:rgb(92, 39, 55)  
}
```

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(92, 39, 55) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 39, 55) }
```

Border

The CSS property to change the border of an element to YIQ 56.6710, 26.4520, 16.2120 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(92, 39, 55) }
```


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

```
.border{ border-color:rgb(92, 39, 55) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 39, 55)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 39, 55); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 39, 55);  
box-shadow:4px 4px 4px 4px rgb(92, 39, 55)  
}
```

Background

The CSS property to change the background color of an element to YIQ 56.6710, 26.4520, 16.2120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 39, 55) }
```

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

```
.background{ background-color: rgb(92, 39,  
55) }
```

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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