

Converting Colors

YIQ(55.1020, 26.3160, 7.6600)

Have a look what the booklet for
YIQ(55.1020, 26.3160, 7.6600)
contains.

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Color

**YIQ(55.1020, 26.3160,
7.6600)**

Conversions

Conversions Part 1

Format	Color
Hex	552B27
RGB	85, 43, 39
RGB Percent	33%, 17%, 15%
CMY	0.6666, 0.8314, 0.8469
CMYK	0.00, 0.49, 0.54, 0.67
HSL	5°, 37%, 24%
HSV	5°, 54%, 33%
XYZ	4.9785, 3.8056, 2.3940
YIQ	55.1020, 26.3160, 7.6600

Conversions

Conversions Part 2

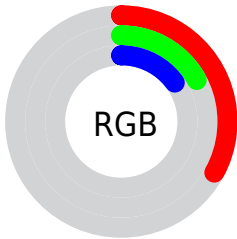
Format	Color
RYB	85, 43, 39
Decimal	5581607
CIELab	23.02, 18.90, 11.24
CIELCh	23, 21.988, 30.751
Yxy	3.8056, 0.4454, 0.3405
Android (android.graphics.Color)	4283771687 (0xFF552B27)
YUV	55.1020, -7.9383, 26.2205
Hunter-Lab	19.5079, 11.4147, 6.3795

Details

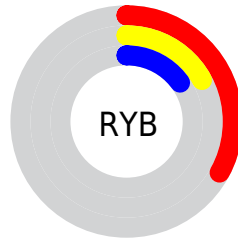
The YIQ color **55.1020, 26.3160, 7.6600** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **68.8980, -26.3160, -7.6600**, and the grayscale version is **55.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **102.7820, 30.2130, 8.6210**, and **11.6610, 23.2440, 8.2680** is the 20% darker color. If you saturate the color by 10%, you get **49.4940, 31.0840, 9.3560**, and if you desaturate by 10%, it is **60.8240, 21.2270, 6.2750**.

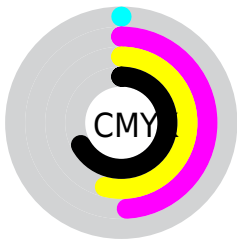
Distribution



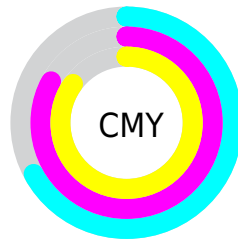
- Red (33%)
- Green (17%)
- Blue (15%)



- Red (33%)
- Yellow (17%)
- Blue (15%)



- Cyan (0%)
- Magenta (49%)
- Yellow (54%)
- Black (67%)



- Cyan (67%)
- Magenta (83%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 55.1020, 26.3160, 7.6600 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 55.1020, 26.3160, 7.6600 by changing the saturation by 10% instead.

■ 55.1020, 26.3160,
7.6600

■ 55.1020, 26.3160,
7.6600

255.0000, -0.0000,
-0.0000

■ 32.4330, 23.8860,
7.6460

■ 102.7820, 30.2130,
8.6210

■ 11.6610, 23.2440,
8.2680

■ 128.2660, 31.7260,
8.7340

■ 0.0000, 0.0000,
0.0000

■ 154.7500, 33.2390,
8.8470

■ 181.4620, 34.1100,
9.5820

■ 209.6470, 35.0270,
9.4830

■ 230.9550, 22.2360,

4.5080

250.6970, 5.2270,
-1.1170

55.1020, 26.3160,
7.6600

55.1020, 26.3160,
7.6600

49.4940, 31.0840,
9.3560

60.8240, 21.2270,
6.2750

43.7720, 36.1730,
10.7410

66.4320, 16.4590,
4.5790

38.7510, 40.6660,
11.9140

71.5670, 11.6450,
3.7170

33.0290, 45.7550,
13.2990

77.1750, 6.8770,
2.0210

29.5240, 48.7350,
14.3590

82.8970, 1.7880,
0.6360

■ 88.5050, -2.9800,
-1.0600

■ 93.6400, -7.7940,
-1.9220

■ 99.2480, -12.5620,
-3.6180

■ 104.9700,
-17.6510, -5.0030

Harmonies

Analogous

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



55.7520, 21.7300, 13.6820



55.1020, 26.3160, 7.6600



54.2770, 24.0250, -0.3830

Triad

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



55.1020, 26.3160, 7.6600



48.7990, -13.1560, -14.8840



50.9770, -27.5560, 3.8040

Complementary

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



55.1020, 26.3160, 7.6600



68.8980, -26.3160, -7.6600

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.



45.2690, -43.4180, -6.0900



55.1020, 26.3160, 7.6600



43.2510, -34.9800, -15.8440

Square

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



55.1020, 26.3160, 7.6600



51.9490, 4.0370, -12.5950



45.0750, -40.1160, -10.8680



55.8550, -6.4210, 11.7470

Rectangle

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



55.1020, 26.3160, 7.6600



53.6630, 19.7620, -5.7260



45.0750, -40.1160, -10.8680



47.5520, -36.7250, -0.7330

Sweetspot

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



55.1020, 26.3160, 7.6600



98.5560, 10.1780, 2.7700



57.5420, 13.9340, 22.8140



48.8760, 6.2810, 1.8090



184.0000, 0.0000, -0.0000



56.0000, -0.0000, 0.0000

Same Dimension

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



55.1020, 26.3160, 7.6600



63.6370, 40.9870, 11.6030



68.6030, 19.9910, -4.3690



40.1960, 2.3840, 0.8480



37.2760, 61.2970, 17.9770



82.0050, 134.5600, 39.3600

Inverse Universe

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



68.8980, -26.3160, -7.6600



84.9500, -41.2620, -12.1260



55.3970, -19.9910, 4.3690



41.8040, -2.3840, -0.8480



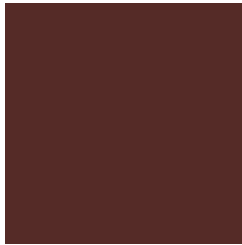
69.7240, -61.2970, -17.9770



152.4080, -134.2850, -38.8370

Previews

White Background



This preview shows how the YIQ color 55.1020, 26.3160, 7.6600 looks on a white background.

Color Contrast Check

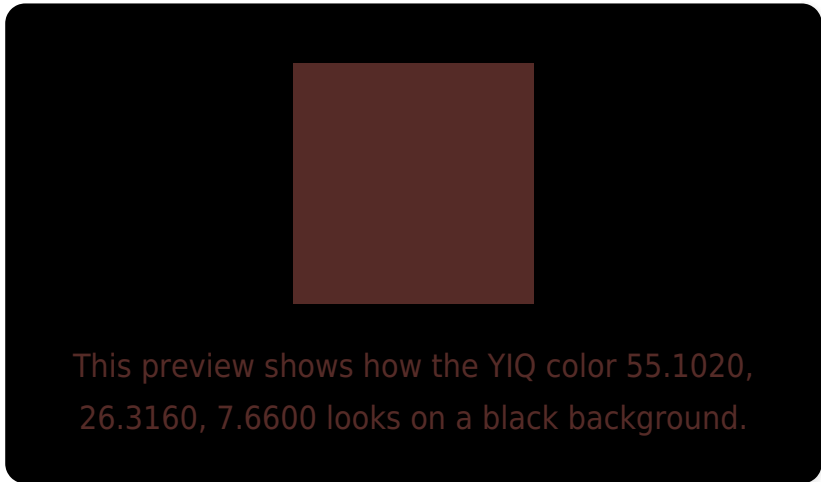
Large Text (above 18pt) WCAG AA ✓ Pass

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

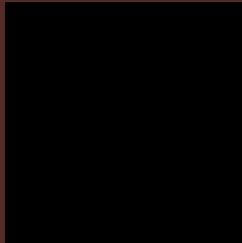
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 55.1020, 26.3160, 7.6600

Background



This preview shows how black text looks on a background with the YIQ color 55.1020, 26.3160, 7.6600.

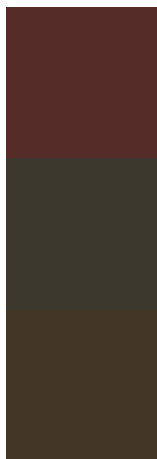


This preview shows how white text looks on a background with the YIQ color 55.1020, 26.3160,

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

55.1020, 26.3160, 7.6600

Protanopia

55.0560, 5.5940, -2.2620

Deuteranopia

55.3620, 13.4800, -2.0080



Tritanopia

55.1990, 24.6650, 10.0490

Trichromacy



Original Color

55.1020, 26.3160, 7.6600

Protanomaly

55.1710, 12.7000, 1.1160

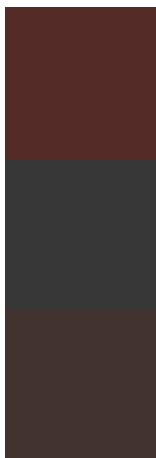
Deuteranomaly

55.2210, 18.4310, 1.8790

Tritanomaly

54.9710, 25.3070, 9.4270

Monochromacy



Original Color

55.1020, 26.3160, 7.6600

Achromatopsia

55.0000, 0.0000, 0.0000

Achromatomaly

55.2570, 9.5820, 2.5580

CSS Examples

Text

The CSS property to change the color of the text to YIQ 55.1020, 26.3160, 7.6600 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(85, 43, 39)` looks like.

```
.text, #text, p{  
    color:rgb(85, 43, 39)  
}
```

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(85, 43, 39) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 43, 39) }
```

Border

The CSS property to change the border of an element to YIQ 55.1020, 26.3160, 7.6600 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(85, 43, 39) }
```


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

```
.border{ border-color:rgb(85, 43, 39) }
```

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

Here you see how a box with a 4 pixel rgb(85, 43, 39) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 43, 39); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 43, 39);  
box-shadow:4px 4px 4px 4px rgb(85, 43, 39)  
}
```

Background

The CSS property to change the background color of an element to YIQ 55.1020, 26.3160, 7.6600 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 43, 39) }
```

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

```
.background{ background-color: rgb(85, 43,  
39) }
```

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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