

Converting Colors

YIQ(55.1660, 20.2640, 7.2080)

Have a look what the booklet for
YIQ(55.1660, 20.2640, 7.2080)
contains.

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Color

**YIQ(55.1660, 20.2640,
7.2080)**

Conversions

Conversions Part 1

Format	Color
Hex	4F2D2D
RGB	79, 45, 45
RGB Percent	31%, 18%, 18%
CMY	0.6901, 0.8236, 0.8234
CMYK	0.00, 0.43, 0.43, 0.69
HSL	360°, 27%, 24%
HSV	360°, 43%, 31%
XYZ	4.6381, 3.7285, 2.9599
YIQ	55.1660, 20.2640, 7.2080

Conversions

Conversions Part 2

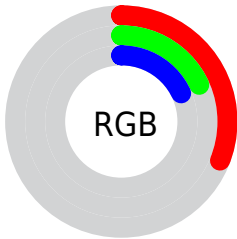
Format	Color
RYB	79, 45, 45
Decimal	5188909
CIELab	22.75, 15.68, 6.68
CIELCh	23, 17.039, 23.076
Yxy	3.7285, 0.4095, 0.3292
Android (android.graphics.Color)	4283378989 (0xFF4F2D2D)
YUV	55.1660, -5.0118, 20.9024
Hunter-Lab	19.3092, 9.0845, 4.4279

Details

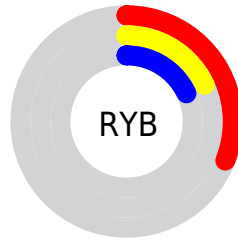
The YIQ color **55.1660, 20.2640, 7.2080** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **68.8340, -20.2640, -7.2080**, and the grayscale version is **55.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **102.6610, 23.2440, 8.2680**, and **10.4650, 20.8600, 7.4200** is the 20% darker color. If you saturate the color by 10%, you get **49.5580, 25.0320, 8.9040**, and if you desaturate by 10%, it is **60.7740, 15.4960, 5.5120**.

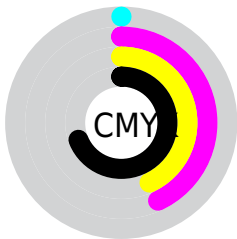
Distribution



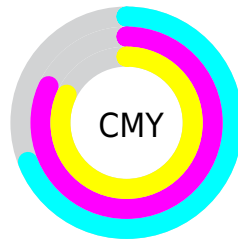
- Red (31%)
- Green (18%)
- Blue (18%)



- Red (31%)
- Yellow (18%)
- Blue (18%)



- Cyan (0%)
- Magenta (43%)
- Yellow (43%)
- Black (69%)



- Cyan (69%)
- Magenta (82%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 55.1660, 20.2640, 7.2080 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 55.1660, 20.2640, 7.2080 by changing the saturation by 10% instead.

■ 55.1660, 20.2640,
7.2080

■ 55.1660, 20.2640,
7.2080

■ 255.0000, -0.0000,
-0.0000

■ 33.2690, 18.4760,
6.5720

■ 102.6610, 23.2440,
8.2680

■ 10.4650, 20.8600,
7.4200

■ 127.8460, 24.1610,
8.1690

■ 0.0000, 0.0000,
0.0000

■ 154.4440, 25.3530,
8.5930

■ 181.0420, 26.5450,
9.0170

■ 208.3410, 27.1410,
9.2290

■ 232.4540, 19.3930,

6.4730

252.7830, 2.1090,
0.3250

55.1660, 20.2640,
7.2080

55.1660, 20.2640,
7.2080

49.5580, 25.0320,
8.9040

60.7740, 15.4960,
5.5120

43.9500, 29.8000,
10.6000

66.3820, 10.7280,
3.8160

38.3420, 34.5680,
12.2960

71.9900, 5.9600,
2.1200

32.7340, 39.3360,
13.9920

77.5980, 1.1920,
0.4240

27.2400, 43.7830,
15.9990

82.5050, -2.9800,
-1.0600

■ 23.6210, 47.0840,
16.7480

■ 88.1130, -7.7480,
-2.7560

■ 93.7210, -12.5160,
-4.4520

■ 99.3290, -17.2840,
-6.1480

■ 104.9370,
-22.0520, -7.8440

Harmonies

Analogous

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



56.0500, 14.8990, 10.8270



55.1660, 20.2640, 7.2080



54.5910, 20.2650, 1.6810

Triad

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



55.1660, 20.2640, 7.2080



50.4410, -6.0960, -10.6720



51.1470, -22.2830, 1.8530

Complementary

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



55.1660, 20.2640, 7.2080



68.8340, -20.2640, -7.2080

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.



46.0480, -35.4860, -6.6700



55.1660, 20.2640, 7.2080



47.9000, -20.6300, -11.5900

Square

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



55.1660, 20.2640, 7.2080



52.8400, 5.9620, -8.9340



44.2990, -34.9350, -11.1510



54.9640, -8.3460, 8.0860

Rectangle

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



55.1660, 20.2640, 7.2080



53.9880, 17.4690, -2.7150



44.2990, -34.9350, -11.1510



49.8150, -27.2800, -1.2000

Sweetspot

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



55.1660, 20.2640, 7.2080



92.8870, 7.7480, 2.7560



58.7430, 8.7540, 17.5700



45.3920, 4.7680, 1.6960



179.0000, -0.0000, -0.0000



51.0000, -0.0000, -0.0000

Same Dimension

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



55.1660, 20.2640, 7.2080



64.8470, 31.5880, 11.2360



64.5580, 15.8640, -1.1600



35.1960, 2.3840, 0.8480



30.4980, 60.7920, 21.6240



68.7700, 137.0800, 48.7600

Inverse Universe

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



55.1660, 20.2640, 7.2080



64.8470, 31.5880, 11.2360



59.4420, -15.8640, 1.1600



35.1960, 2.3840, 0.8480



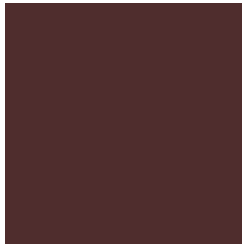
30.4980, 60.7920, 21.6240



68.7700, 137.0800, 48.7600

Previews

White Background



This preview shows how the YIQ color 55.1660, 20.2640, 7.2080 looks on a white background.

Color Contrast Check

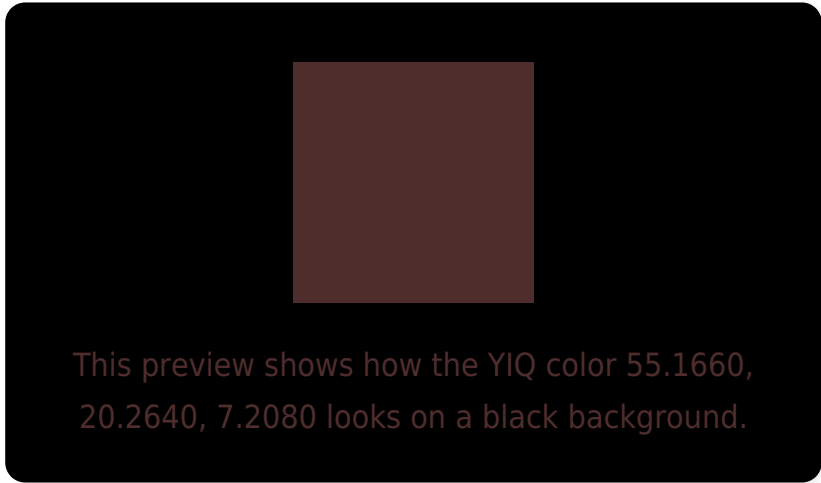
Large Text (above 18pt) WCAG AA ✓ Pass

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

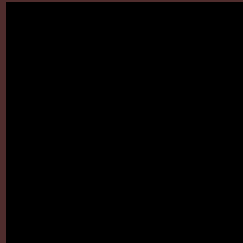
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 55.1660, 20.2640, 7.2080

Background



This preview shows how black text looks on a background with the YIQ color 55.1660, 20.2640, 7.2080.



This preview shows how white text looks on a background with the YIQ color 55.1660, 20.2640,

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

55.1660, 20.2640, 7.2080

Protanopia

55.0280, 2.7970, -1.1310

Deuteranopia

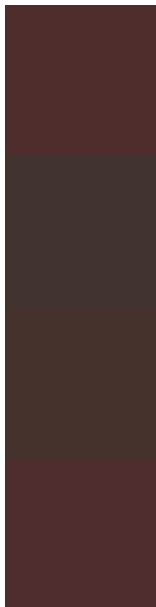
55.2630, 9.4450, -0.4670



Tritanopia

55.5080, 19.3010, 8.1410

Trichromacy



Original Color

55.1660, 20.2640, 7.2080

Protanomaly

54.8440, 9.3070, 2.0350

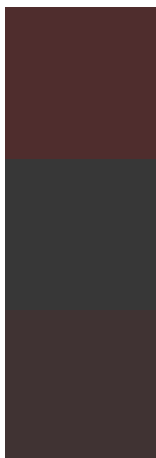
Deuteranomaly

54.9970, 13.2500, 2.1620

Tritanomaly

55.3940, 19.6220, 7.8300

Monochromacy



Original Color

55.1660, 20.2640, 7.2080

Achromatopsia

55.0000, 0.0000, 0.0000

Achromatomaly

54.8870, 7.7480, 2.7560

CSS Examples

Text

The CSS property to change the color of the text to YIQ 55.1660, 20.2640, 7.2080 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(79, 45, 45)` looks like.

```
.text, #text, p{  
    color:rgb(79, 45, 45)  
}
```

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(79, 45, 45) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 45, 45) }
```

Border

The CSS property to change the border of an element to YIQ 55.1660, 20.2640, 7.2080 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(79, 45, 45) }
```


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

```
.border{ border-color:rgb(79, 45, 45) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 45, 45)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 45, 45); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 45, 45);  
box-shadow:4px 4px 4px 4px rgb(79, 45, 45)  
}
```

Background

The CSS property to change the background color of an element to YIQ 55.1660, 20.2640, 7.2080 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 45, 45) }
```

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

```
.background{ background-color: rgb(79, 45,  
45) }
```

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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