

Converting Colors

YIQ(52.6760, 28.0560, 20.1840)

Have a look what the booklet for
YIQ(52.6760, 28.0560, 20.1840)
contains.

YIQ(52.6760, 28.0560, 20.1840)	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(52.6760, 28.0560,
20.1840)**

Conversions

Conversions Part 1

Format	Color
Hex	5C2038
RGB	92, 32, 56
RGB Percent	36%, 13%, 22%
CMY	0.6391, 0.8746, 0.7803
CMYK	0.00, 0.65, 0.39, 0.64
HSL	336°, 48%, 24%
HSV	336°, 65%, 36%
XYZ	5.6479, 3.5948, 4.1406
YIQ	52.6760, 28.0560, 20.1840

Conversions

Conversions Part 2

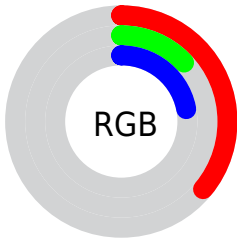
Format	Color
RYB	92, 32, 56
Decimal	6037560
CIELab	22.28, 30.10, -1.25
CIELCh	22, 30.122, 357.623
Yxy	3.5948, 0.4220, 0.2686
Android (android.graphics.Color)	4284227640 (0xFF5C2038)
YUV	52.6760, 1.6387, 34.4871
Hunter-Lab	18.9600, 19.9923, 0.3238

Details

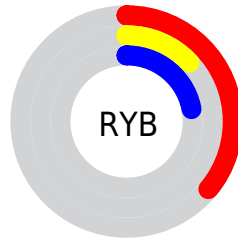
The YIQ color **52.6760, 28.0560, 20.1840** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **71.3240, -28.0560, -20.1840**, and the grayscale version is **53.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **102.0570, 31.3570, 20.9330**, and **14.9370, 22.6470, 13.5830** is the 20% darker color. If you saturate the color by 10%, you get **46.8230, 32.1360, 23.3360**, and if you desaturate by 10%, it is **58.6430, 23.6550, 17.3430**.

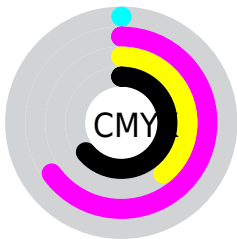
Distribution



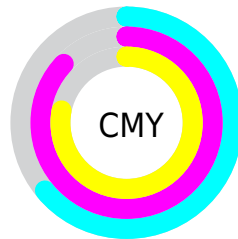
- Red (36%)
- Green (13%)
- Blue (22%)



- Red (36%)
- Yellow (13%)
- Blue (22%)



- Cyan (0%)
- Magenta (65%)
- Yellow (39%)
- Black (64%)



- Cyan (64%)
- Magenta (87%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 52.6760, 28.0560, 20.1840 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 52.6760, 28.0560, 20.1840 by changing the saturation by 10% instead.

■ 52.6760, 28.0560,
20.1840

■ 52.6760, 28.0560,
20.1840

■ 255.0000, -0.0000,
-0.0000

■ 28.1320, 26.7720,
21.4280

■ 102.0570, 31.3570,
20.9330

■ 14.9370, 22.6470,
13.5830

■ 127.6550, 32.5490,
21.3570

■ 0.0000, 0.0000,
0.0000

■ 153.6660, 34.0160,
22.3040

■ 181.2640, 35.2080,
22.7280

■ 207.9650, 34.6120,
22.5160

■ 227.5930, 17.9240,

16.5800

246.7820, 3.8500,
7.3220

52.6760, 28.0560,
20.1840

52.6760, 28.0560,
20.1840

46.8230, 32.1360,
23.3360

58.6430, 23.6550,
17.3430

40.8560, 36.5370,
26.1770

64.4960, 19.5750,
14.1910

34.3020, 41.2130,
29.5410

71.0500, 14.8990,
10.8270

31.7260, 42.9550,
31.0110

76.9030, 10.8190,
7.6750

82.8700, 6.4180,
4.8340

■ 88.7230, 2.3380,
1.6820

■ 94.6900, -2.0630,
-1.1590

■ 101.1300, -6.4180,
-4.8340

■ 107.0970,
-10.8190, -7.6750

Harmonies

Analogous

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



54.8190, 11.5960, 21.1320



52.6760, 28.0560, 20.1840



51.6410, 35.1640, 12.5080

Triad

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



52.6760, 28.0560, 20.1840



48.2280, 7.3850, -18.2070



46.7680, -46.2610, -4.1250

Complementary

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



52.6760, 28.0560, 20.1840



71.3240, -28.0560, -20.1840

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.



45.8900, -41.0330, -10.7690



52.6760, 28.0560, 20.1840



42.8750, -19.4820, -21.3860

Square

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



52.6760, 28.0560, 20.1840



50.6000, 24.0730, -12.2710



43.3820, -33.9710, -17.6110



44.0440, -46.8580, 1.1900

Rectangle

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



52.6760, 28.0560, 20.1840



51.8870, 34.1110, 4.0550



43.3820, -33.9710, -17.6110



46.7850, -44.9310, -6.2030

Sweetspot

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



52.6760, 28.0560, 20.1840



104.2020, 11.4150, 7.8870



49.3050, 1.6000, 26.0800



51.7560, 6.7390, 4.5230



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.



52.6760, 28.0560, 20.1840



58.4380, 43.8260, 31.7460



52.8750, 34.3850, 10.1050



42.7230, 2.3380, 1.6820



37.9060, 51.4360, 37.0040



81.6930, 110.7570, 79.7890

Inverse Universe

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



52.6760, 28.0560, 20.1840



58.4380, 43.8260, 31.7460



71.1250, -34.3850, -10.1050



42.7230, 2.3380, 1.6820



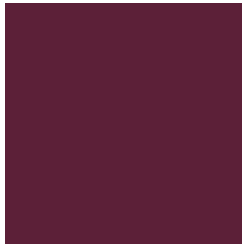
37.9060, 51.4360, 37.0040



81.6930, 110.7570, 79.7890

Previews

White Background



This preview shows how the YIQ color 52.6760, 28.0560, 20.1840 looks on a white background.

Color Contrast Check

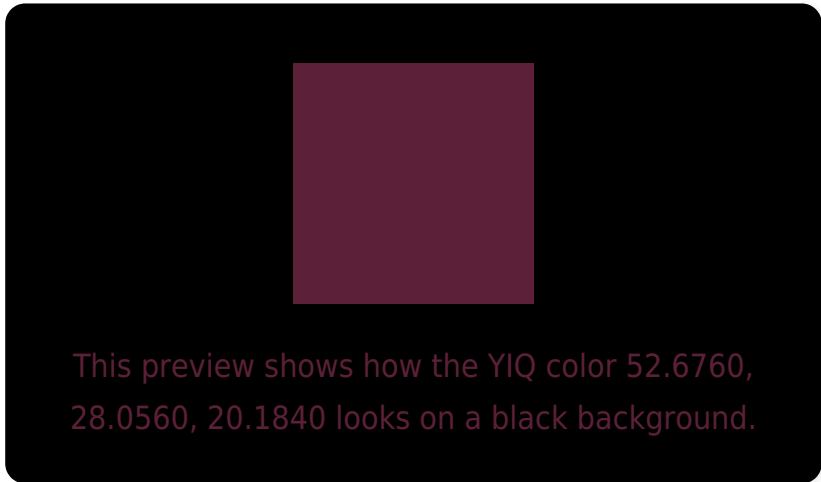
Large Text (above 18pt) WCAG AA ✓ Pass

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

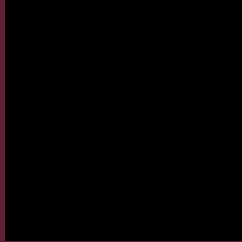
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 52.6760, 28.0560, 20.1840

Background



This preview shows how black text looks on a background with the YIQ color 52.6760, 28.0560, 20.1840.



This preview shows how white text looks on a background with the YIQ color 52.6760, 28.0560,

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

52.6760, 28.0560, 20.1840

Protanopia

54.6280, -7.5200, 4.1280

Deuteranopia

55.0930, 4.1720, 1.4840



Tritanopia

52.6730, 32.1380, 12.2820

Trichromacy



Original Color

52.6760, 28.0560, 20.1840

Protanomaly

53.8470, 5.2250, 9.9370

Deuteranomaly

54.0990, 13.2030, 8.5230

Tritanomaly

52.8840, 30.1660, 14.9820

Monochromacy



Original Color

52.6760, 28.0560, 20.1840

Achromatopsia

53.0000, -0.0000, -0.0000

Achromatomaly

52.6040, 10.2230, 7.4630

CSS Examples

Text

The CSS property to change the color of the text to YIQ 52.6760, 28.0560, 20.1840 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, 32, 56)` looks like.

```
.text, #text, p{  
    color:rgb(92, 32, 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(92, 32, 56) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 32, 56) }
```

Border

The CSS property to change the border of an element to YIQ 52.6760, 28.0560, 20.1840 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, 32, 56) }
```


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

```
.border{ border-color:rgb(92, 32, 56) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 32, 56)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 32, 56); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 32, 56);  
box-shadow:4px 4px 4px 4px rgb(92, 32, 56)  
}
```

Background

The CSS property to change the background color of an element to YIQ 52.6760, 28.0560, 20.1840 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 32, 56) }
```

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

```
.background{ background-color: rgb(92, 32,  
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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