

Converting Colors

YIQ(120.2920, 27.6960,
-17.3600)

Have a look what the booklet for
YIQ(120.2920, 27.6960, -17.3600)
contains.

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Color

**YIQ(120.2920, 27.6960,
-17.3600)**

Conversions

Conversions Part 1

Format	Color
Hex	887C3C
RGB	136, 124, 60
RGB Percent	53%, 49%, 24%
CMY	0.4667, 0.5137, 0.7645
CMYK	0.00, 0.09, 0.56, 0.47
HSL	51°, 39%, 38%
HSV	51°, 56%, 53%
XYZ	18.1766, 19.9747, 7.1781
YIQ	120.2920, 27.6960, -17.3600

Conversions

Conversions Part 2

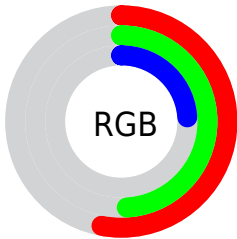
Format	Color
R_{YB}	74, 136, 60
Decimal	8944700
CIE Lab	51.81, -4.21, 36.12
CIE LCh	52, 36.362, 96.650
Yxy	19.9747, 0.4010, 0.4407
Android (android.graphics.Color)	4287134780 (0xFF887C3C)
YUV	120.2920, -29.7240, 13.7759
Hunter-Lab	44.6930, -5.6172, 21.7626

Details

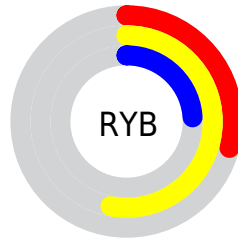
The YIQ color **120.2920, 27.6960, -17.3600** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **75.7080, -27.6960, 17.3600**, and the grayscale version is **121.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **172.8470, 30.4470, -17.6570**, and **70.3950, 25.9080, -17.9960** is the 20% darker color. If you saturate the color by 10%, you get **117.5220, 32.7400, -20.6680**, and if you desaturate by 10%, it is **123.0620, 22.6520, -14.0520**.

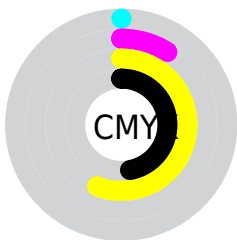
Distribution



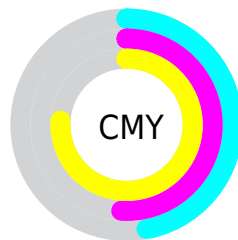
- Red (53%)
- Green (49%)
- Blue (24%)



- Red (29%)
- Yellow (53%)
- Blue (24%)



- Cyan (0%)
- Magenta (9%)
- Yellow (56%)
- Black (47%)



- Cyan (47%)
- Magenta (51%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 120.2920, 27.6960, -17.3600 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 120.2920, 27.6960, -17.3600 by changing the saturation by 10% instead.

120.2920, 27.6960,
-17.3600

120.2920, 27.6960,
-17.3600

255.0000, -0.0000,
-0.0000

95.1070, 26.7790,
-17.2610

172.8470, 30.4470,
-17.6570

70.3950, 25.9080,
-17.9960

200.9180, 31.6850,
-18.0670

49.0510, 21.1850,
-14.9990

229.1030, 32.6020,
-18.1660

29.2490, 12.0600,
-9.3160

247.4760, 21.1860,
-20.5260

5.8700, -2.7500,
-5.2300

250.6680, 12.1980,
-11.8180

0.0000, 0.0000,
0.0000

253.9740, 2.8890,

-2.7990

■ 120.2920, 27.6960,
-17.3600

■ 120.2920, 27.6960,
-17.3600

■ 117.5220, 32.7400,
-20.6680

■ 123.0620, 22.6520,
-14.0520

■ 114.8660, 37.4630,
-23.6650

■ 125.7180, 17.9290,
-11.0550

■ 112.0960, 42.5070,
-26.9730

■ 128.4880, 12.8850,
-7.7470

■ 108.8530, 47.5050,
-29.4470

■ 131.7310, 7.8870,
-5.2730

■ 108.1690, 49.4310,
-31.3130

■ 134.5010, 2.8430,
-1.9650

■ 137.2710, -2.2010,
1.3430

■ 139.9270, -6.9240,
4.3400

■ 142.6970,
-11.9680, 7.6480

■ 145.3530,
-16.6910, 10.6450

Harmonies

Analogous

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



122.7060, 44.5660, -3.7060



120.2920, 27.6960, -17.3600



116.4890, 1.9760, -24.8080

Triad

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



120.2920, 27.6960, -17.3600



99.2460, -89.3100, -22.4140



127.0920, 24.2490, 28.6090

Complementary

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



120.2920, 27.6960, -17.3600



75.7080, -27.6960, 17.3600

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.



126.5320, -6.4690, 23.6350



120.2920, 27.6960, -17.3600



98.5910, -94.3550, -13.5790

Square

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



120.2920, 27.6960, -17.3600



97.0000, -80.2300, -32.7900



119.5920, -42.2290, 10.9150



125.3960, 43.6440, 24.0280

Rectangle

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



120.2920, 27.6960, -17.3600



112.8870, -19.7560, -27.4360



119.5920, -42.2290, 10.9150



127.1880, 15.1710, 27.9310

Sweetspot

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



120.2920, 27.6960, -17.3600



169.6450, 11.0050, -6.7150



84.2060, 41.1230, 20.1550



85.1870, 6.6030, -4.0290



217.0000, -0.0000, 0.0000



89.0000, -0.0000, -0.0000

Same Dimension

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



120.2920, 27.6960, -17.3600



151.3950, 43.1030, -26.7610



119.8610, 9.4960, -28.9360



67.6150, 2.5220, -1.6540



105.5110, 48.4680, -30.3800



3.8430, 1.8800, -1.0320

Inverse Universe

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



75.7080, -27.6960, 17.3600



82.6050, -43.1030, 26.7610



76.1390, -9.4960, 28.9360



63.3850, -2.5220, 1.6540



27.4890, -48.4680, 30.3800



1.1570, -1.8800, 1.0320

Previews

White Background



This preview shows how the YIQ color 120.2920, 27.6960, -17.3600 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 120.2920, 27.6960, -17.3600 looks on a black 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 × Fail

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

YIQ 120.2920, 27.6960, -17.3600

Background



This preview shows how black text looks on a background with the YIQ color 120.2920, 27.6960, -17.3600.



This preview shows how white text looks on a background with the YIQ color 120.2920, 27.6960,

-17.3600.

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

120.2920, 27.6960, -17.3600

Protanopia

120.5910, 28.2920, -17.1480

Deuteranopia

121.7820, 38.2400, -10.2080



Tritanopia

125.5010, 12.0110, 8.0990

Trichromacy



Original Color

120.2920, 27.6960, -17.3600

Protanomaly

120.5910, 28.2920, -17.1480

Deuteranomaly

121.0480, 34.4350, -12.8370

Tritanomaly

123.9280, 17.6980, -1.3580

Monochromacy



Original Color

120.2920, 27.6960, -17.3600

Achromatopsia

120.0000, -0.0000, -0.0000

Achromatomaly

119.8730, 10.3630, -6.0930

CSS Examples

Text

The CSS property to change the color of the text to YIQ 120.2920, 27.6960, -17.3600 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(136, 124, 60)` looks like.

```
.text, #text, p{  
    color:rgb(136, 124, 60)  
}
```

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(136, 124, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 124, 60) }
```

Border

The CSS property to change the border of an element to YIQ 120.2920, 27.6960, -17.3600 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(136, 124, 60) }
```


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

```
.border{ border-color:rgb(136, 124, 60) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 124, 60)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 124, 60); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 124, 60);  
box-shadow:4px 4px 4px 4px rgb(136, 124,  
60) }
```

Background

The CSS property to change the background color of an element to YIQ 120.2920, 27.6960, -17.3600 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 124, 60) }
```

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

```
.background{ background-color: rgb(136,  
124, 60) }
```

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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