

Converting Colors

YIQ(106.0030, 57.8120, 20.5640)

Have a look what the booklet for
YIQ(106.0030, 57.8120, 20.5640)
contains.

YIQ(106.0030, 57.8120, 20.5640)	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(106.0030, 57.8120,
20.5640)**

Conversions

Conversions Part 1

Format	Color
Hex	AE4D4D
RGB	174, 77, 77
RGB Percent	68%, 30%, 30%
CMY	0.3174, 0.6982, 0.6978
CMYK	0.00, 0.56, 0.56, 0.32
HSL	360°, 39%, 49%
HSV	360°, 56%, 68%
XYZ	21.4613, 14.8441, 8.7661
YIQ	106.0030, 57.8120, 20.5640

Conversions

Conversions Part 2

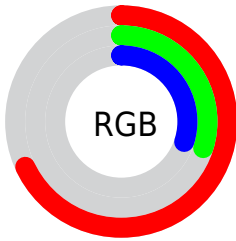
Format	Color
RYB	174, 77, 77
Decimal	11423053
CIELab	45.42, 39.73, 19.54
CIELCh	45, 44.271, 26.186
Yxy	14.8441, 0.4762, 0.3293
Android (android.graphics.Color)	4289613133 (0xFFAE4D4D)
YUV	106.0030, -14.2985, 59.6334
Hunter-Lab	38.5281, 32.0058, 13.4797

Details

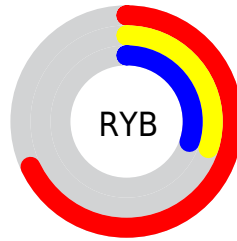
The YIQ color **106.0030, 57.8120, 20.5640** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **144.9970, -57.8120, -20.5640**, and the grayscale version is **106.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **159.7540, 62.9470, 21.1150**, and **53.4200, 52.2640, 21.9920** is the 20% darker color. If you saturate the color by 10%, you get **94.0860, 67.9440, 24.1680**, and if you desaturate by 10%, it is **117.9200, 47.6800, 16.9600**.

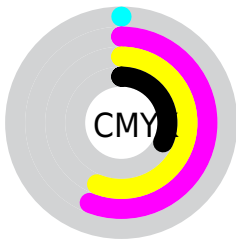
Distribution



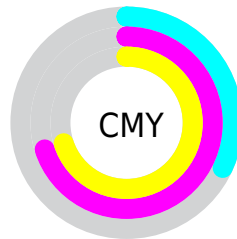
- Red (68%)
- Green (30%)
- Blue (30%)



- Red (68%)
- Yellow (30%)
- Blue (30%)



- Cyan (0%)
- Magenta (56%)
- Yellow (56%)
- Black (32%)




- Cyan (32%)
- Magenta (70%)
- Yellow (70%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 106.0030, 57.8120, 20.5640 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 106.0030, 57.8120, 20.5640 by changing the saturation by 10% instead.


 106.0030, 57.8120,
20.5640


 106.0030, 57.8120,
20.5640


255.0000, -0.0000,
-0.0000


 79.4480, 55.0610,
20.8610


 159.7540, 62.9470,
21.1150


 53.4200, 52.2640,
21.9920


 185.1450, 60.2880,
19.7440


 27.8650, 49.5130,
22.2890

 204.0720, 44.1960,
14.0200

 18.5380, 36.9520,
13.1440

 224.1730, 27.5540,
7.2500

 10.2800, 19.9430,
7.5190

 243.8010, 10.8660,
1.3140

 0.0000, 0.0000,
0.0000

■ 106.0030, 57.8120,
20.5640

■ 106.0030, 57.8120,
20.5640

■ 94.0860, 67.9440,
24.1680

■ 117.9200, 47.6800,
16.9600

■ 81.4680, 78.6720,
27.9840

■ 130.5380, 36.9520,
13.1440

■ 69.5510, 88.8040,
31.5880

■ 142.4550, 26.8200,
9.5400

■ 57.0470, 99.2110,
35.7150

■ 155.0730, 16.0920,
5.7240

■ 52.0260, 103.7040,
36.8880

■ 166.9900, 5.9600,
2.1200

■ 178.9070, -4.1720,
-1.4840

■ 191.5250,
-14.9000, -5.3000

■ 203.4420,

-25.0320, -8.9040

■ 216.0600,
-35.7600, -12.7200

Harmonies

Analogous

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



107.8620, 45.5680, 33.2160



106.0030, 57.8120, 20.5640



105.6150, 55.2480, 0.9440

Triad

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



106.0030, 57.8120, 20.5640



92.6640, -26.6780, -34.1500



86.9650, -89.1760, -2.8080

Complementary

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



106.0030, 57.8120, 20.5640



144.9970, -57.8120, -20.5640

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.



90.1790, -87.2030, -11.0350



106.0030, 57.8120, 20.5640



84.8890, -66.7960, -33.9640

Square

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



106.0030, 57.8120, 20.5640



100.0140, 13.4390, -28.8090



89.2210, -78.9940, -22.1460



108.4360, -23.7540, 23.0140

Rectangle

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



106.0030, 57.8120, 20.5640



104.8060, 46.8600, -12.2440



89.2210, -78.9940, -22.1460



88.4980, -89.3590, -4.9990

Sweetspot

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



106.0030, 57.8120, 20.5640



199.6610, 23.2440, 8.2680



116.4630, 25.4830, 50.3070



98.8770, 13.7080, 4.8760



242.0000, -0.0000, 0.0000



115.0000, -0.0000, 0.0000

Same Dimension

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



106.0030, 57.8120, 20.5640



120.4480, 90.5920, 32.2240



133.5920, 44.8870, -4.0170



80.6910, 5.3640, 1.9080



44.8500, 89.4000, 31.8000



6.8770, 13.7080, 4.8760

Inverse Universe

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



106.0030, 57.8120, 20.5640



120.4480, 90.5920, 32.2240



117.4080, -44.8870, 4.0170



80.6910, 5.3640, 1.9080



44.8500, 89.4000, 31.8000



6.8770, 13.7080, 4.8760

Previews

White Background



This preview shows how the YIQ color 106.0030, 57.8120, 20.5640 looks on a white background.

Color Contrast Check

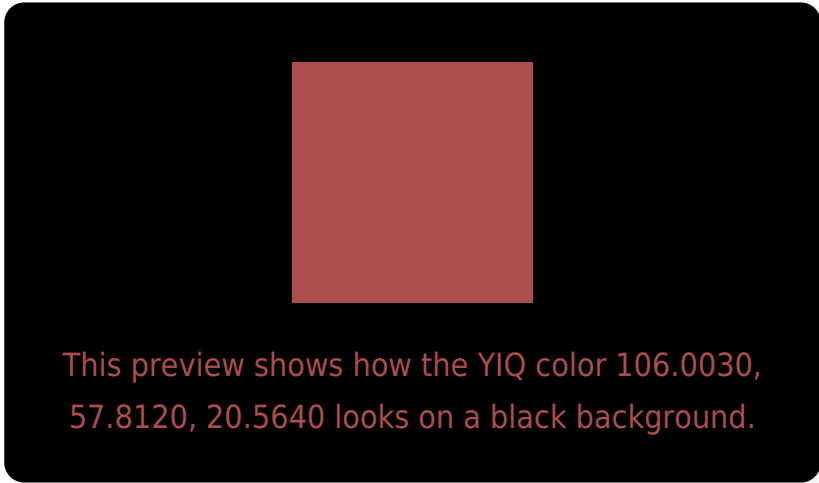
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black 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

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

YIQ 106.0030, 57.8120, 20.5640

Background



This preview shows how black text looks on a background with the YIQ color 106.0030, 57.8120, 20.5640.



This preview shows how white text looks on a background with the YIQ color 106.0030, 57.8120,

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

106.0030, 57.8120, 20.5640

Protanopia

107.8560, 9.0330, -4.0150

Deuteranopia

107.6530, 25.7220, -3.6060



Tritanopia

105.8720, 56.8030, 22.3310

Trichromacy



Original Color

106.0030, 57.8120, 20.5640

Protanomaly

107.4070, 26.7750, 4.8470

Deuteranomaly

107.2680, 37.4120, 4.8040

Tritanomaly

105.7580, 57.1240, 22.0200

Monochromacy



Original Color

106.0030, 57.8120, 20.5640

Achromatopsia

106.0000, -0.0000, -0.0000

Achromatomaly

105.7640, 21.4560, 7.6320

CSS Examples

Text

The CSS property to change the color of the text to YIQ 106.0030, 57.8120, 20.5640 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(174, 77, 77)` looks like.

```
.text, #text, p{  
    color:rgb(174, 77, 77)  
}
```

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(174, 77, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 77, 77) }
```

Border

The CSS property to change the border of an element to YIQ 106.0030, 57.8120, 20.5640 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(174, 77, 77) }
```


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

```
.border{ border-color:rgb(174, 77, 77) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 77, 77)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 77, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 77, 77);  
box-shadow:4px 4px 4px 4px rgb(174, 77,  
77) }
```

Background

The CSS property to change the background color of an element to YIQ 106.0030, 57.8120, 20.5640 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 77, 77) }
```

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

```
.background{ background-color: rgb(174, 77,  
77) }
```

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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