

Converting Colors

YIQ(51.7200, 95.8180, 36.6340)

Have a look what the booklet for
YIQ(51.7200, 95.8180, 36.6340)
contains.

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Color

**YIQ(51.7200, 95.8180,
36.6340)**

Conversions

Conversions Part 1

Format	Color
Hex	A60208
RGB	166, 2, 8
RGB Percent	65%, 1%, 3%
CMY	0.3486, 0.9923, 0.9682
CMYK	0.00, 0.99, 0.95, 0.35
HSL	358°, 98%, 33%
HSV	358°, 99%, 65%
XYZ	15.8123, 8.1775, 0.9775
YIQ	51.7200, 95.8180, 36.6340

Conversions

Conversions Part 2

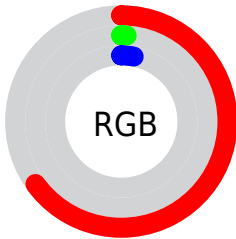
Format	Color
RYB	166, 2, 8
Decimal	10879496
CIELab	34.35, 57.97, 45.24
CIELCh	34, 73.534, 37.972
Yxy	8.1775, 0.6333, 0.3275
Android (android.graphics.Color)	4289069576 (0xFFA60208)
YUV	51.7200, -21.5540, 100.2236
Hunter-Lab	28.5964, 48.6574, 17.9908

Details

The YIQ color **51.7200, 95.8180, 36.6340** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **116.2800, -95.8180, -36.6340**, and the grayscale version is **52.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **120.2390, 98.2500, 25.5940**, and **31.0960, 61.9840, 22.0480** is the 20% darker color. If you saturate the color by 10%, you get **50.3180, 97.0100, 37.0580**, and if you desaturate by 10%, it is **63.5230, 86.0070, 32.7190**.

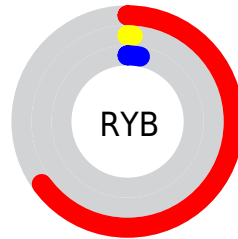
Distribution



Red (65%)

Green (1%)

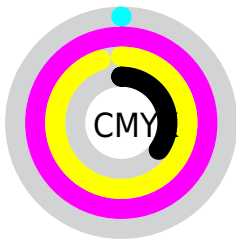
Blue (3%)



Red (65%)

Yellow (1%)

Blue (3%)

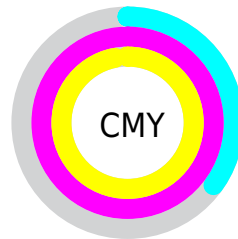


Cyan (0%)

Magenta (99%)

Yellow (95%)

Black (35%)



Cyan (35%)


Magenta (99%)


Yellow (97%)


Brightness & Saturation Gradients


These gradients show how the YIQ color 51.7200, 95.8180, 36.6340 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 51.7200, 95.8180, 36.6340 by changing the saturation by 10% instead.


 51.7200, 95.8180,
36.6340


 51.7200, 95.8180,
36.6340


 253.0620, 5.4570,
-5.2870


 40.3650, 80.4600,
28.6200


 120.2390, 98.2500,
25.5940


 31.0960, 61.9840,
22.0480


 146.7720, 98.0670,
23.4030


 22.2400, 43.7830,
15.9990

 166.0580, 82.3420,
16.5340

 13.6830, 26.1780,
10.1620

 185.4580, 66.2960,
9.9760

 0.0000, 0.0000,
0.0000

 205.4450, 49.9750,
2.8950

 225.5460, 33.3330,

-3.8750

■ 245.7610, 16.3700,
-10.3340

■ 51.7200, 95.8180,
36.6340

■ 51.7200, 95.8180,
36.6340

■ 50.3180, 97.0100,
37.0580

■ 63.5230, 86.0070,
32.7190

■ 74.7390, 76.4710,
29.3270

■ 86.5420, 66.6600,
25.4120

■ 97.7580, 57.1240,
22.0200

■ 109.5610, 47.3130,
18.1050

■ 121.3640, 37.5020,
14.1900

■ 132.5800, 27.9660,
10.7980

■ 144.3830, 18.1550,
6.8830

■ 155.5990, 8.6190,
3.4910

Harmonies

Analogous

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



60.9740, 84.2600, 58.8840



51.7200, 95.8180, 36.6340



74.9870, 62.7680, -3.1840

Triad

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



51.7200, 95.8180, 36.6340



62.9350, -38.0470, -42.8710



72.5810, -87.2540, 17.4340

Complementary

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



51.7200, 95.8180, 36.6340



116.2800, -95.8180, -36.6340

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.



79.8870, -88.5360, 7.6240



51.7200, 95.8180, 36.6340



71.4050, -59.1410, -24.0130

Square

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



51.7200, 95.8180, 36.6340



56.3520, -26.4000, -50.2080



77.9030, -77.4380, -6.2860



80.3410, -15.2760, 45.5880

Rectangle

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



51.7200, 95.8180, 36.6340



76.5830, 39.9380, -18.9580



77.9030, -77.4380, -6.2860



76.2170, -89.2250, 14.6070

Sweetspot

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



51.7200, 95.8180, 36.6340



171.6630, 38.0980, 14.4020



67.3400, 40.3320, 84.0760



82.1880, 23.1980, 9.1020



237.0000, -0.0000, -0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



51.7200, 95.8180, 36.6340



65.7950, 126.7640, 48.4920



94.4740, 77.3940, -3.9340



78.3920, 4.7680, 1.6960



44.9360, 86.2820, 33.2420



6.0940, 11.5990, 4.5510

Inverse Universe

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



51.7200, 95.8180, 36.6340



65.7950, 126.7640, 48.4920



73.5260, -77.3940, 3.9340



78.3920, 4.7680, 1.6960



44.9360, 86.2820, 33.2420



6.0940, 11.5990, 4.5510

Previews

White Background



This preview shows how the YIQ color 51.7200, 95.8180, 36.6340 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 51.7200, 95.8180, 36.6340

Background



This preview shows how black text looks on a background with the YIQ color 51.7200, 95.8180, 36.6340.



This preview shows how white text looks on a background with the YIQ color 51.7200, 95.8180,

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

51.7200, 95.8180, 36.6340

Protanopia

80.1500, 25.2200, -16.5400

Deuteranopia

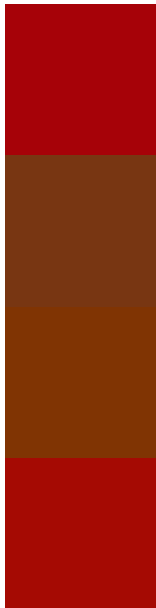
78.6540, 41.1760, -19.3680



Tritanopia

58.1400, 94.2150, 27.1350

Trichromacy



Original Color

51.7200, 95.8180, 36.6340

Protanomaly

69.6300, 50.8920, 2.7960

Deuteranomaly

69.1380, 61.0250, 0.8730

Tritanomaly

55.5470, 94.6270, 30.6830

Monochromacy



Original Color

51.7200, 95.8180, 36.6340

Achromatopsia

52.0000, -0.0000, -0.0000

Achromatomaly

51.8690, 34.5220, 13.1300

CSS Examples

Text

The CSS property to change the color of the text to YIQ 51.7200, 95.8180, 36.6340 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(166, 2, 8)` looks like.

```
.text, #text, p{  
    color:rgb(166, 2, 8)  
}
```

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(166, 2, 8) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 2, 8) }
```

Border

The CSS property to change the border of an element to YIQ 51.7200, 95.8180, 36.6340 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(166, 2, 8) }
```


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

```
.border{ border-color:rgb(166, 2, 8) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 2, 8)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 2, 8); -webkit-box-shadow:4px  
4px 4px 4px rgb(166, 2, 8); box-shadow:4px  
4px 4px 4px rgb(166, 2, 8) }
```

Background

The CSS property to change the background color of an element to YIQ 51.7200, 95.8180, 36.6340 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 2, 8) }
```

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

```
.background{ background-color: rgb(166, 2,  
8) }
```

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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