

Converting Colors

YIQ(78.3100, 90.3200, 15.1200)

Have a look what the booklet for
YIQ(78.3100, 90.3200, 15.1200)
contains.

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Color

**YIQ(78.3100, 90.3200,
15.1200)**

Conversions

Conversions Part 1

Format	Color
Hex	AE2C04
RGB	174, 44, 4
RGB Percent	68%, 17%, 2%
CMY	0.3174, 0.8276, 0.9839
CMYK	0.00, 0.75, 0.98, 0.32
HSL	14°, 95%, 35%
HSV	14°, 98%, 68%
XYZ	18.3928, 10.8133, 1.2355
YIQ	78.3100, 90.3200, 15.1200

Conversions

Conversions Part 2

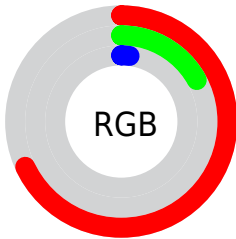
Format	Color
R _Y B	174, 56, 4
Decimal	11414532
CIE Lab	39.26, 51.00, 50.34
CIE LCh	39, 71.659, 44.628
Yxy	10.8133, 0.6042, 0.3552
Android (android.graphics.Color)	4289604612 (0xFFAE2C04)
YUV	78.3100, -36.6348, 83.9201
Hunter-Lab	32.8835, 42.2946, 20.7909

Details

The YIQ color **78.3100, 90.3200, 15.1200** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **99.6900, -90.3200, -15.1200**, and the grayscale version is **79.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **135.2460, 96.3720, 15.5720**, and **33.4880, 66.7520, 23.7440** is the 20% darker color. If you saturate the color by 10%, you get **76.0930, 92.4290, 15.4450**, and if you desaturate by 10%, it is **87.9930, 80.9670, 13.9190**.

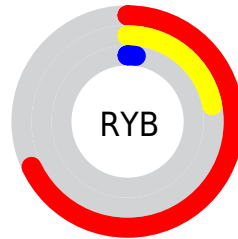
Distribution



Red (68%)

Green (17%)

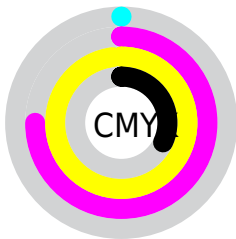
Blue (2%)



Red (68%)

Yellow (22%)

Blue (2%)

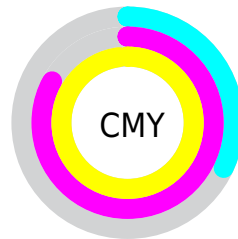


Cyan (0%)

Magenta (75%)

Yellow (98%)

Black (32%)



Cyan (32%)


Magenta (83%)


Yellow (98%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 78.3100, 90.3200, 15.1200 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 78.3100, 90.3200, 15.1200 by changing the saturation by 10% instead.


 78.3100, 90.3200,
15.1200


 78.3100, 90.3200,
15.1200


 253.4040, 4.4940,
-4.3540


 45.6920, 83.8530,
27.7010


 135.2460, 96.3720,
15.5720


 33.4880, 66.7520,
23.7440


 159.3270, 91.6500,
13.0420


 24.5180, 48.8720,
17.3840


 178.6130, 75.9250,
6.1730

 16.9720, 32.7340,
12.4940

 198.0130, 59.8790,
-0.3850

 3.5880, 7.1520,
2.5440

 217.5270, 43.5120,
-6.6320

 0.0000, 0.0000,
0.0000

 238.2150, 26.5950,

-13.9250

■ 250.2120, 13.4820,
-13.0620

■ 78.3100, 90.3200,
15.1200

■ 78.3100, 90.3200,
15.1200

■ 76.0930, 92.4290,
15.4450

■ 87.9930, 80.9670,
13.9190

■ 98.1490, 71.6600,
11.8840

■ 107.7180, 62.6280,
10.3720

■ 117.4010, 53.2750,
9.1710

■ 127.5570, 43.9680,
7.1360

■ 137.2400, 34.6150,
5.9350

■ 146.8090, 25.5830,
4.4230

■ 156.9650, 16.2760,
2.3880

■ 166.6480, 6.9230,
1.1870

Harmonies

Analogous

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



64.7470, 92.3290, 61.3290



78.3100, 90.3200, 15.1200



87.6350, 60.5230, -12.0610

Triad

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



78.3100, 90.3200, 15.1200



73.6440, -50.2890, -41.2730



77.0150, -91.4720, 16.7840

Complementary

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



78.3100, 90.3200, 15.1200



99.6900, -90.3200, -15.1200

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.



86.9940, -96.1470, 7.8930



78.3100, 90.3200, 15.1200



81.8860, -70.7410, -23.0370

Square

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



78.3100, 90.3200, 15.1200



64.5700, -30.2500, -57.5300



87.3410, -87.4790, -6.0310



92.7840, 2.6500, 51.1140

Rectangle

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



78.3100, 90.3200, 15.1200



86.2850, 37.6010, -26.1670



87.3410, -87.4790, -6.0310



81.5800, -94.6810, 14.3670

Sweetspot

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



78.3100, 90.3200, 15.1200



190.1260, 34.9360, 5.6240



69.6500, 59.5900, 76.4700



92.2430, 21.3650, 3.7730



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.



78.3100, 90.3200, 15.1200



98.9840, 120.7170, 20.4050



128.2050, 66.9450, -29.3350



81.8650, 4.8140, 0.8620



65.3950, 79.7750, 13.4950



9.8120, 12.3330, 2.2610

Inverse Universe

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



99.6900, -90.3200, -15.1200



128.0160, -120.7170, -20.4050



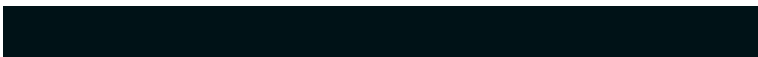
49.7950, -66.9450, 29.3350



83.1350, -4.8140, -0.8620



84.6050, -79.7750, -13.4950



13.1880, -12.3330, -2.2610

Previews

White Background



This preview shows how the YIQ color 78.3100, 90.3200, 15.1200 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

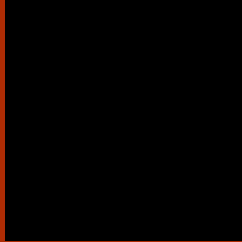
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 78.3100, 90.3200, 15.1200

Background



This preview shows how black text looks on a background with the YIQ color 78.3100, 90.3200, 15.1200.



This preview shows how white text looks on a background with the YIQ color 78.3100, 90.3200,

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

78.3100, 90.3200, 15.1200

Protanopia

88.8530, 30.3100, -20.6820

Deuteranopia

87.5250, 45.8530, -21.5310



Tritanopia

81.1800, 79.5430, 28.7190

Trichromacy



Original Color

78.3100, 90.3200, 15.1200

Protanomaly

85.0780, 52.0860, -7.8340

Deuteranomaly

84.2270, 61.8520, -8.6120

Tritanomaly

80.1710, 83.7620, 23.8420

Monochromacy



Original Color

78.3100, 90.3200, 15.1200

Achromatopsia

78.0000, -0.0000, -0.0000

Achromatomaly

78.3430, 32.8270, 5.2990

CSS Examples

Text

The CSS property to change the color of the text to YIQ 78.3100, 90.3200, 15.1200 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, 44, 4)` looks like.

```
.text, #text, p{  
    color:rgb(174, 44, 4)  
}
```

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, 44, 4) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 44, 4) }
```

Border

The CSS property to change the border of an element to YIQ 78.3100, 90.3200, 15.1200 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, 44, 4) }
```


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

```
.border{ border-color:rgb(174, 44, 4) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 44, 4)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 44, 4); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 44, 4);  
box-shadow:4px 4px 4px 4px rgb(174, 44, 4)  
}
```

Background

The CSS property to change the background color of an element to YIQ 78.3100, 90.3200, 15.1200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 44, 4) }
```

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

```
.background{ background-color: rgb(174, 44,  
4) }
```

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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