

Converting Colors

YIQ(90.2560, 30.8000, 58.5760)

Have a look what the booklet for
YIQ(90.2560, 30.8000, 58.5760)
contains.

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Color

**YIQ(90.2560, 30.8000,
58.5760)**

Conversions

Conversions Part 1

Format	Color
Hex	9C2C9C
RGB	156, 44, 156
RGB Percent	61%, 17%, 61%
CMY	0.3879, 0.8276, 0.3882
CMYK	0.00, 0.72, 0.00, 0.39
HSL	300°, 56%, 39%
HSV	300°, 72%, 61%
XYZ	20.6274, 11.2750, 32.5456
YIQ	90.2560, 30.8000, 58.5760

Conversions

Conversions Part 2

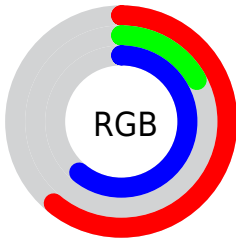
Format	Color
R_{YB}	156, 44, 156
Decimal	10235036
CIE _{Lab}	40.04, 58.92, -37.10
CIE _{LCh}	40, 69.631, 327.801
Yxy	11.2750, 0.3201, 0.1749
Android (android.graphics.Color)	4288425116 (0xFF9C2C9C)
YUV	90.2560, 32.4118, 57.6575
Hunter-Lab	33.5782, 50.8921, -33.9620

Details

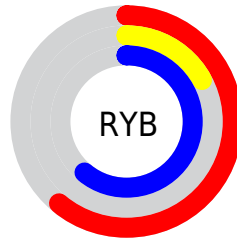
The YIQ color **90.2560, 30.8000, 58.5760** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **109.7440, -30.8000, -58.5760**, and the grayscale version is **90.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **147.0280, 31.4420, 57.9540**, and **42.0550, 26.8120, 53.7560** is the 20% darker color. If you saturate the color by 10%, you get **80.8640, 35.2000, 66.9440**, and if you desaturate by 10%, it is **99.6480, 26.4000, 50.2080**.

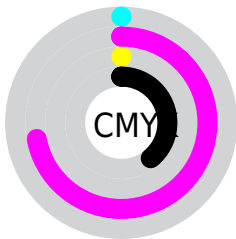
Distribution



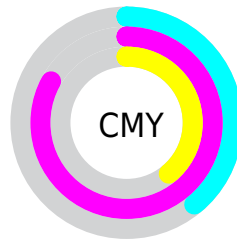
- Red (61%)
- Green (17%)
- Blue (61%)



- Red (61%)
- Yellow (17%)
- Blue (61%)



- Cyan (0%)
- Magenta (72%)
- Yellow (0%)
- Black (39%)



- Cyan (39%)
- Magenta (83%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 90.2560, 30.8000, 58.5760 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 90.2560, 30.8000, 58.5760 by changing the saturation by 10% instead.

90.2560, 30.8000,
58.5760

90.2560, 30.8000,
58.5760

255.0000, -0.0000,
-0.0000

54.2660, 34.0080,
66.5200

147.0280, 31.4420,
57.9540

42.0550, 26.8120,
53.7560

175.1530, 32.5880,
59.2120

31.1320, 18.7450,
40.2570

196.8870, 27.2250,
51.7770

21.6330, 12.4200,
28.2280

213.3230, 19.5250,
37.1330

8.6600, -1.3780,
13.9660

230.3460, 11.5500,
21.9660

0.7980, -2.2470,
2.1770

247.3690, 3.5750,

0.0000, 0.0000,

6.7990

0.0000

■ 90.2560, 30.8000,
58.5760

■ 90.2560, 30.8000,
58.5760

■ 80.8640, 35.2000,
66.9440

■ 99.6480, 26.4000,
50.2080

■ 72.0590, 39.3250,
74.7890

■ 108.4530, 22.2750,
42.3630

■ 64.4280, 42.9000,
81.5880

■ 117.8450, 17.8750,
33.9950

■ 126.6500, 13.7500,
26.1500

■ 136.0420, 9.3500,
17.7820

■ 145.4340, 4.9500,
9.4140

■ 154.2390, 0.8250,
1.5690

■ 163.6310, -3.5750,
-6.7990

■ 172.4360, -7.7000,
-14.6440

Harmonies

Analogous

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



91.5330, -42.6000, 34.1680



90.2560, 30.8000, 58.5760



67.7260, 79.6270, 71.2670

Triad

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



90.2560, 30.8000, 58.5760



88.9980, 45.8990, -22.3650



85.9100, -79.3160, -16.3080

Complementary

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



90.2560, 30.8000, 58.5760



109.7440, -30.8000, -58.5760

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.



78.7110, -60.4230, -33.8230



90.2560, 30.8000, 58.5760



81.0590, 8.3980, -42.0820

Square

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



90.2560, 30.8000, 58.5760



86.2940, 78.0810, 0.1370



69.7680, -39.3750, -51.8470



88.6920, -92.6610, -0.2210

Rectangle

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



90.2560, 30.8000, 58.5760



64.1060, 92.6960, 60.1840



69.7680, -39.3750, -51.8470



83.8580, -73.5380, -21.9060

Sweetspot

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



90.2560, 30.8000, 58.5760



177.5850, 12.3750, 23.5350



56.7680, -35.9520, 34.8320



86.1510, 7.4250, 14.1210



230.0000, -0.0000, 0.0000



102.0000, -0.0000, -0.0000

Same Dimension

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



90.2560, 30.8000, 58.5760



101.2750, 48.1250, 91.5250



83.8720, 48.7760, 41.1600



74.3040, 2.2000, 4.1840



59.0590, 39.3250, 74.7890



6.1950, 4.1250, 7.8450

Inverse Universe

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



90.2560, 30.8000, 58.5760



101.2750, 48.1250, 91.5250



116.1280, -48.7760, -41.1600



74.3040, 2.2000, 4.1840



59.0590, 39.3250, 74.7890



6.1950, 4.1250, 7.8450

Previews

White Background



This preview shows how the YIQ color 90.2560, 30.8000, 58.5760 looks on a white background.

Color Contrast Check

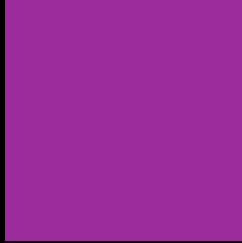
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 90.2560, 30.8000, 58.5760 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

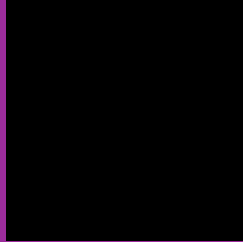
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 90.2560, 30.8000, 58.5760

Background



This preview shows how black text looks on a background with the YIQ color 90.2560, 30.8000, 58.5760.



This preview shows how white text looks on a background with the YIQ color 90.2560, 30.8000,

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

90.2560, 30.8000, 58.5760

Protanopia

76.2340, -87.8950, 12.5290

Deuteranopia

92.9690, -33.1050, 10.7590



Tritanopia

94.9950, 43.0950, 17.4550

Trichromacy



Original Color

90.2560, 30.8000, 58.5760



Protanomaly

81.7020, -44.7540, 29.1500



Deuteranomaly

91.7260, -9.7710, 28.4130



Tritanomaly

93.3280, 38.3240, 32.3400

Monochromacy



Original Color

90.2560, 30.8000, 58.5760



Achromatopsia

90.0000, -0.0000, -0.0000



Achromatomaly

89.9330, 11.2750, 21.4430

CSS Examples

Text

The CSS property to change the color of the text to YIQ 90.2560, 30.8000, 58.5760 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(156, 44, 156)` looks like.

```
.text, #text, p{  
    color:rgb(156, 44, 156)  
}
```

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(156, 44, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 44, 156) }
```

Border

The CSS property to change the border of an element to YIQ 90.2560, 30.8000, 58.5760 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(156, 44, 156) }
```


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

```
.border{ border-color:rgb(156, 44, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 44, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 44, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 44, 156);  
box-shadow:4px 4px 4px 4px rgb(156, 44,  
156) }
```

Background

The CSS property to change the background color of an element to YIQ 90.2560, 30.8000, 58.5760 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 44, 156) }
```

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

```
.background{ background-color: rgb(156, 44,  
156) }
```

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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