

Converting Colors

YIQ(54.9230, 9.2080, 42.3920)

Have a look what the booklet for
YIQ(54.9230, 9.2080, 42.3920)
contains.

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Color

**YIQ(54.9230, 9.2080,
42.3920)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|--------------------------|
| Hex | 5A1975 |
| RGB | 90, 25, 117 |
| RGB Percent | 35%, 10%, 46% |
| CMY | 0.6468, 0.9021, 0.5412 |
| CMYK | 0.23, 0.79, 0.00, 0.54 |
| HSL | 282°, 65%, 28% |
| HSV | 282°, 79%, 46% |
| XYZ | 7.7791, 4.1546, 17.2188 |
| YIQ | 54.9230, 9.2080, 42.3920 |

Conversions

Conversions Part 2

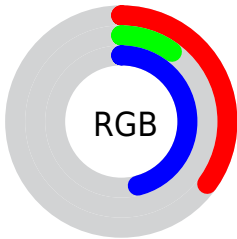
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 90, 25, 117 |
| Decimal | 5904757 |
| CIE _{Lab} | 24.18, 43.91, -38.89 |
| CIE _{LCh} | 24, 58.656, 318.476 |
| Yxy | 4.1546, 0.2668, 0.1425 |
| Android (android.graphics.Color) | 4284094837 (0xFF5A1975) |
| YUV | 54.9230, 30.6040, 30.7625 |
| Hunter-Lab | 20.3829, 32.4544, -35.8183 |

Details

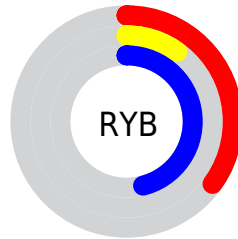
The YIQ color **54.9230, 9.2080, 42.3920** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **87.0770, -9.2080, -42.3920**, and the grayscale version is **55.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **106.7490, 9.7580, 43.4380**, and **19.7120, 2.0120, 29.6280** is the 20% darker color. If you saturate the color by 10%, you get **46.9820, 10.7200, 48.0320**, and if you desaturate by 10%, it is **62.8640, 7.6960, 36.7520**.

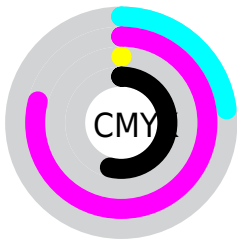
Distribution



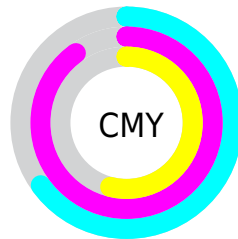
- Red (35%)
- Green (10%)
- Blue (46%)



- Red (35%)
- Yellow (10%)
- Blue (46%)



- Cyan (23%)
- Magenta (79%)
- Yellow (0%)
- Black (54%)



- Cyan (65%)
- Magenta (90%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 54.9230, 9.2080, 42.3920 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 54.9230, 9.2080, 42.3920 by changing the saturation by 10% instead.

■ 54.9230, 9.2080,
42.3920

■ 54.9230, 9.2080,
42.3920

■ 255.0000, -0.0000,
-0.0000

■ 29.6240, 8.6120,
42.1800

■ 106.7490, 9.7580,
43.4380

■ 19.7120, 2.0120,
29.6280

■ 133.4610, 10.6290,
44.1730

■ 7.8210, -9.0810,
15.9030

■ 160.4010, 10.8580,
45.5300

■ 3.2090, -7.6580,
6.6300


■ 188.1130, 11.7290,
46.2650


■ 0.0000, 0.0000,
0.0000


■ 212.1490, 20.0750,
38.1790


■ 228.5850, 12.3750,

23.5350


 245.6080, 4.4000,
8.3680


 54.9230, 9.2080,
42.3920


 54.9230, 9.2080,
42.3920

 46.9820, 10.7200,
48.0320


 62.8640, 7.6960,
36.7520


 39.3290, 11.3610,
52.9370

 70.5170, 7.0550,
31.8470

 38.1550, 11.9110,
53.9830

 78.4580, 5.5430,
26.2070

 86.6980, 4.6270,
20.7790

 94.0520, 3.3900,
15.6620

■ 102.2920, 2.4740,
10.2340

■ 110.2330, 0.9620,
4.5940

■ 118.1740, -0.5500,
-1.0460

■ 125.8270, -1.1910,
-5.9510

Harmonies

Analogous

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



48.0000, -60.7530, 16.2310



54.9230, 9.2080, 42.3920



45.7400, 49.5080, 49.9240

Triad

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



54.9230, 9.2080, 42.3920



54.7650, 36.9100, -8.1300



53.7150, -47.9100, -12.7900

Complementary

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



54.9230, 9.2080, 42.3920



87.0770, -9.2080, -42.3920

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.



47.7700, -32.5480, -26.8840



54.9230, 9.2080, 42.3920



51.3220, 9.8160, -23.7200

Square

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



54.9230, 9.2080, 42.3920



46.7120, 62.7650, 13.3970



41.0900, -19.2500, -36.6100



57.5740, -60.1540, -0.1380

Rectangle

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



54.9230, 9.2080, 42.3920



44.5270, 62.9890, 42.3890



41.0900, -19.2500, -36.6100



51.3040, -42.4990, -17.2430

Sweetspot

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



54.9230, 9.2080, 42.3920



127.9920, 3.6190, 17.0190



51.9240, -37.2320, 13.9680



61.4060, 2.1530, 10.5450



204.0000, -0.0000, -0.0000



77.0000, -0.0000, -0.0000

Same Dimension

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



54.9230, 9.2080, 42.3920



55.9140, 14.5680, 66.4080



60.9440, 31.0780, 42.5180



54.8800, 0.4580, 2.7140



39.9210, 12.6900, 56.3860



81.4230, 25.2420, 115.2740

Inverse Universe

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



55.5860, 46.1650, 27.9010



56.8440, 72.3420, 43.5900



81.0560, -31.0780, -42.5180



55.0220, 2.9340, 1.8940



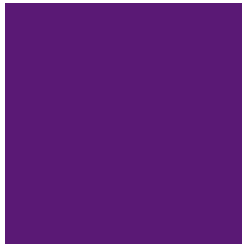
40.5820, 61.1560, 37.0600



83.0720, 125.5670, 75.7030

Previews

White Background



This preview shows how the YIQ color 54.9230, 9.2080, 42.3920 looks on a white background.

Color Contrast Check

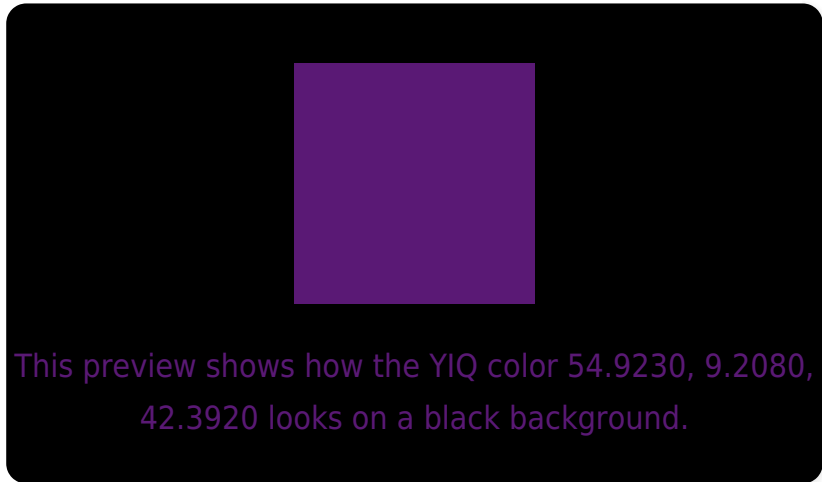
Large Text (above 18pt) WCAG AA ✓ Pass

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

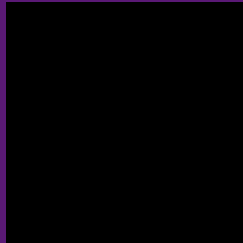
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 54.9230, 9.2080, 42.3920

Background



This preview shows how black text looks on a background with the YIQ color 54.9230, 9.2080, 42.3920.



This preview shows how white text looks on a background with the YIQ color 54.9230, 9.2080,

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

54.9230, 9.2080, 42.3920

Protanopia

47.1390, -54.1950, 7.5090

Deuteranopia

47.1900, -50.2050, 1.2750



Tritanopia

59.4260, 16.5960, 7.6040

Trichromacy



Original Color

54.9230, 9.2080, 42.3920

Protanomaly

49.8480, -30.9060, 20.4700

Deuteranomaly

49.8820, -28.2460, 16.3140

Tritanomaly

57.9610, 14.0720, 20.3120

Monochromacy



Original Color

54.9230, 9.2080, 42.3920

Achromatopsia

55.0000, 0.0000, 0.0000

Achromatomaly

55.0520, 3.3900, 15.6620

CSS Examples

Text

The CSS property to change the color of the text to YIQ 54.9230, 9.2080, 42.3920 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(90, 25, 117)` looks like.

```
.text, #text, p{  
    color:rgb(90, 25, 117)  
}
```

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(90, 25, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 25, 117) }
```

Border

The CSS property to change the border of an element to YIQ 54.9230, 9.2080, 42.3920 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(90, 25, 117) }
```


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

```
.border{ border-color:rgb(90, 25, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(90, 25, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 25, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 25, 117);  
box-shadow:4px 4px 4px 4px rgb(90, 25,  
117) }
```

Background

The CSS property to change the background color of an element to YIQ 54.9230, 9.2080, 42.3920 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 25, 117) }
```

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

```
.background{ background-color: rgb(90, 25,  
117) }
```

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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