

Converting Colors

YIQ(58.9970, -29.1670, 38.5210)

Have a look what the booklet for
YIQ(58.9970, -29.1670, 38.5210)
contains.

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Color

**YIQ(58.9970, -29.1670,
38.5210)**

Conversions

Conversions Part 1

Format	Color
Hex	372A9D
RGB	55, 42, 157
RGB Percent	22%, 16%, 62%
CMY	0.7842, 0.8353, 0.3845
CMYK	0.65, 0.73, 0.00, 0.38
HSL	247°, 58%, 39%
HSV	247°, 73%, 62%
XYZ	8.4861, 4.9011, 32.3736
YIQ	58.9970, -29.1670, 38.5210

Conversions

Conversions Part 2

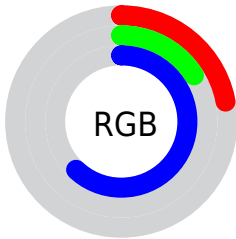
Format	Color
RYB	55, 42, 157
Decimal	3615389
CIELab	26.45, 40.50, -60.30
CIElCh	26, 72.633, 303.886
Yxy	4.9011, 0.1854, 0.1071
Android (android.graphics.Color)	4281805469 (0xFF372A9D)
YUV	58.9970, 48.3155, -3.5054
Hunter-Lab	22.1383, 29.6808, -71.2049

Details

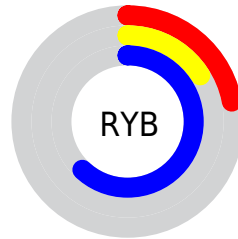
The YIQ color **58.9970, -29.1670, 38.5210** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **140.0030, 29.1670, -38.5210**, and the grayscale version is **59.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **110.9100, -24.3080, 44.0760**, and **11.8560, -33.3840, 32.3440** is the 20% darker color. If you saturate the color by 10%, you get **45.4190, -33.1110, 43.9210**, and if you desaturate by 10%, it is **72.5750, -25.2230, 33.1210**.

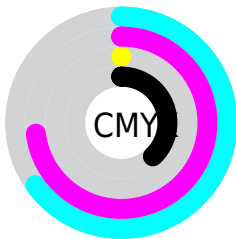
Distribution



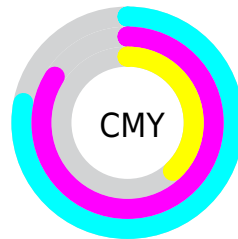
- Red (22%)
- Green (16%)
- Blue (62%)



- Red (22%)
- Yellow (16%)
- Blue (62%)



- Cyan (65%)
- Magenta (73%)
- Yellow (0%)
- Black (38%)



- Cyan (78%)
- Magenta (84%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 58.9970, -29.1670, 38.5210 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 58.9970, -29.1670, 38.5210 by changing the saturation by 10% instead.

■ 58.9970, -29.1670,
38.5210

■ 58.9970, -29.1670,
38.5210

■ 255.0000, -0.0000,
-0.0000

■ 30.1590, -38.6110,
33.4610

■ 110.9100,
-24.3080, 44.0760

■ 11.8560, -33.3840,
32.3440

■ 137.1490,
-23.4830, 45.6450

■ 9.0060, -25.3590,
24.5690

■ 162.6780,
-17.8430, 42.5490

■ 9.2050, -19.0300,
14.4900

■ 187.1980, -7.9840,
34.5760

■ 4.9360, -11.1430,
9.2170

■ 212.0170, 2.4710,
26.8150

■ 0.6840, -1.9260,
1.8660

■ 236.2160, 8.8000,

■ 0.0000, 0.0000,

16.7360

0.0000

252.6520, 1.1000,
2.0920

58.9970, -29.1670,
38.5210

58.9970, -29.1670,
38.5210

45.4190, -33.1110,
43.9210

72.5750, -25.2230,
33.1210

32.4280, -37.3300,
48.7980

85.5660, -21.0040,
28.2440

23.2800, -39.6690,
52.6430

99.1440, -17.0600,
22.8440

112.7220,
-13.1160, 17.4440

125.7130, -8.8970,
12.5670

■ 139.2910, -4.9530,
7.1670

■ 152.5700, -1.6050,
1.5550

■ 166.1480, 2.3390,
-3.8450

■ 179.1390, 6.5580,
-8.7220

Harmonies

Analogous

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



61.2680, -76.0670, 18.4370



58.9970, -29.1670, 38.5210



51.7520, 41.2070, 62.7030

Triad

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



58.9970, -29.1670, 38.5210



55.8050, 57.7690, 4.8170



56.0000, -44.6990, -21.4270

Complementary

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



58.9970, -29.1670, 38.5210



140.0030, 29.1670, -38.5210

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.



47.3020, -22.9630, -40.9070



58.9970, -29.1670, 38.5210



58.2100, 24.9910, -17.8970

Square

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



58.9970, -29.1670, 38.5210



43.0560, 85.8240, 30.5280



44.0250, -20.6250, -39.2250



62.8570, -62.6290, -4.8450

Rectangle

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



58.9970, -29.1670, 38.5210



53.0300, 63.4910, 55.3230



44.0250, -20.6250, -39.2250



53.7200, -38.2790, -27.6470

Sweetspot

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



58.9970, -29.1670, 38.5210



165.6250, -11.4650, 15.0550



115.5710, -65.2400, -18.1040



78.9750, -6.8790, 9.0330



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.



58.9970, -29.1670, 38.5210



50.7990, -45.2640, 60.4320



75.7410, 4.2090, 50.3930



72.2110, -1.9720, 2.7000



21.0860, -36.3670, 47.8650



2.3080, -3.6230, 5.0890

Inverse Universe

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



88.0130, 35.7980, 56.1020



96.0600, 55.9200, 87.9200



123.2590, -4.2090, -50.3930



74.1900, 2.5210, 3.8730



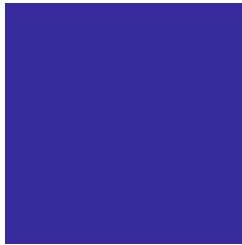
57.2350, 44.4610, 69.8130



6.0810, 4.4460, 7.5340

Previews

White Background



This preview shows how the YIQ color 58.9970, -29.1670, 38.5210 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



This preview shows how the YIQ color 58.9970, -29.1670, 38.5210 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

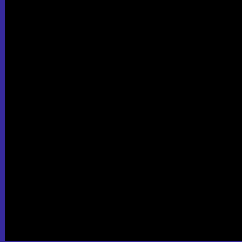
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 58.9970, -29.1670, 38.5210

Background



This preview shows how black text looks on a background with the YIQ color 58.9970, -29.1670, 38.5210.



This preview shows how white text looks on a background with the YIQ color 58.9970, -29.1670,

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

58.9970, -29.1670, 38.5210

Protanopia

50.3990, -57.8630, 7.9050

Deuteranopia

50.5810, -52.8640, -0.0960



Tritanopia

49.6400, -43.3250, -13.2850

Trichromacy



Original Color

58.9970, -29.1670, 38.5210

Protanomaly

53.5240, -47.5490, 19.2270

Deuteranomaly

53.8030, -44.2010, 13.6150

Tritanomaly

53.1700, -38.2850, 5.5150

Monochromacy



Original Color

58.9970, -29.1670, 38.5210

Achromatopsia

59.0000, 0.0000, -0.0000

Achromatomaly

59.2830, -10.5020, 14.1220

CSS Examples

Text

The CSS property to change the color of the text to YIQ 58.9970, -29.1670, 38.5210 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(55, 42, 157)` looks like.

```
.text, #text, p{  
    color:rgb(55, 42, 157)  
}
```

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(55, 42, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(55, 42, 157) }
```

Border

The CSS property to change the border of an element to YIQ 58.9970, -29.1670, 38.5210 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(55, 42, 157) }
```


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

```
.border{ border-color:rgb(55, 42, 157) }
```

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

Here you see how a box with a 4 pixel rgb(55, 42, 157) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(55, 42, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(55, 42, 157);  
box-shadow:4px 4px 4px 4px rgb(55, 42,  
157) }
```

Background

The CSS property to change the background color of an element to YIQ 58.9970, -29.1670, 38.5210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(55, 42, 157) }
```

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

```
.background{ background-color: rgb(55, 42,  
157) }
```

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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