

Converting Colors

YIQ(55.4050, -21.3280, 45.1360)

Have a look what the booklet for
YIQ(55.4050, -21.3280, 45.1360)
contains.

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Color

**YIQ(55.4050, -21.3280,
45.1360)**

Conversions

Conversions Part 1

Format	Color
Hex	3F209C
RGB	63, 32, 156
RGB Percent	25%, 13%, 61%
CMY	0.7528, 0.8746, 0.3884
CMYK	0.60, 0.79, 0.00, 0.39
HSL	255°, 66%, 37%
HSV	255°, 79%, 61%
XYZ	8.5654, 4.4891, 31.8471
YIQ	55.4050, -21.3280, 45.1360

Conversions

Conversions Part 2

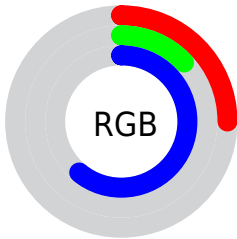
Format	Color
R _Y B	63, 32, 156
Decimal	4137116
CIE Lab	25.23, 46.47, -61.68
CIE LCh	25, 77.224, 306.993
Yxy	4.4891, 0.1908, 0.1000
Android (android.graphics.Color)	4282327196 (0xFF3F209C)
YUV	55.4050, 49.5933, 6.6608
Hunter-Lab	21.1875, 35.0832, -74.2879

Details

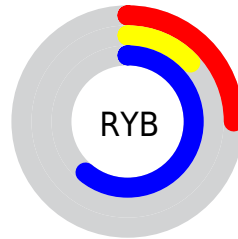
The YIQ color **55.4050, -21.3280, 45.1360** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **132.5950, 21.3280, -45.1360**, and the grayscale version is **55.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **108.1930, -17.6150, 49.4330**, and **11.7420, -33.0630, 32.0330** is the 20% darker color. If you saturate the color by 10%, you get **42.4250, -24.0800, 50.9600**, and if you desaturate by 10%, it is **68.3850, -18.5760, 39.3120**.

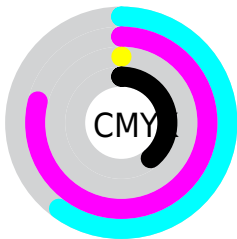
Distribution



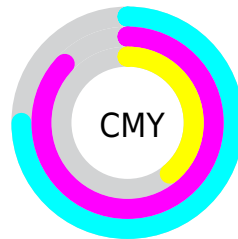
- Red (25%)
- Green (13%)
- Blue (61%)



- Red (25%)
- Yellow (13%)
- Blue (61%)



- Cyan (60%)
- Magenta (79%)
- Yellow (0%)
- Black (39%)



- Cyan (75%)
- Magenta (87%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 55.4050, -21.3280, 45.1360 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 55.4050, -21.3280, 45.1360 by changing the saturation by 10% instead.

■ 55.4050, -21.3280,
45.1360

■ 55.4050, -21.3280,
45.1360

■ 255.0000, -0.0000,
-0.0000

■ 26.0130, -26.0960,
43.4400

■ 108.1930,
-17.6150, 49.4330

■ 11.7420, -33.0630,
32.0330

■ 134.4320,
-16.7900, 51.0020

■ 8.8920, -25.0380,
24.2580

■ 160.0750,
-11.4710, 48.2170

■ 9.0910, -18.7090,
14.1790

■ 184.8940, -1.0160,
40.4560

■ 4.8220, -10.8220,
8.9060

■ 209.4140, 8.8430,
32.4830

■ 0.4560, -1.2840,
1.2440

■ 230.9330, 11.2750,

■ 0.0000, 0.0000,

21.4430

0.0000

247.9560, 3.3000,
6.2760

55.4050, -21.3280,
45.1360

55.4050, -21.3280,
45.1360

42.4250, -24.0800,
50.9600

68.3850, -18.5760,
39.3120

30.3310, -26.5110,
56.4730

80.4790, -16.1450,
33.7990

29.4450, -26.8320,
56.7840

93.4590, -13.3930,
27.9750

105.8520,
-10.3660, 22.6740

118.5330, -8.2100,
16.6380

■ 131.5130, -5.4580,
10.8140

■ 143.9060, -2.4310,
5.5130

■ 156.8860, 0.3210,
-0.3110

■ 168.9800, 2.7520,
-5.8240

Harmonies

Analogous

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



59.2620, -75.9300, 21.4620



55.4050, -21.3280, 45.1360



52.2640, 45.5170, 61.6850

Triad

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



55.4050, -21.3280, 45.1360



53.7230, 55.0640, 4.2800



55.2820, -45.4330, -19.1370

Complementary

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



55.4050, -21.3280, 45.1360



132.5950, 21.3280, -45.1360

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.



46.2420, -22.7340, -39.5500



55.4050, -21.3280, 45.1360



55.5190, 19.6270, -19.8050

Square

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



55.4050, -21.3280, 45.1360



42.4580, 84.6320, 30.1040



43.4380, -20.3500, -38.7020



62.4810, -64.3260, -1.6220

Rectangle

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



55.4050, -21.3280, 45.1360



53.0150, 67.8470, 53.4710



43.4380, -20.3500, -38.7020



52.3010, -38.4170, -25.1450

Sweetspot

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



55.4050, -21.3280, 45.1360



164.1740, -8.5770, 17.7830



100.7270, -65.3790, -10.0750



77.8120, -4.8620, 11.0260



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.



55.4050, -21.3280, 45.1360



46.7670, -33.0700, 70.7220



73.9430, 15.6240, 58.2800



72.5100, -1.3760, 2.9120



27.0660, -24.4470, 52.1050



2.9060, -2.4310, 5.5130

Inverse Universe

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



79.6780, 44.0510, 55.2110



84.5360, 69.0790, 86.2230



114.0570, -15.6240, -58.2800



74.0760, 2.8420, 3.5620



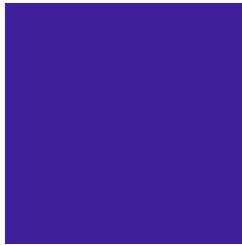
54.9550, 50.8810, 63.5930



5.7390, 5.4090, 6.6010

Previews

White Background



This preview shows how the YIQ color 55.4050, -21.3280, 45.1360 looks on a white background.

Color Contrast Check

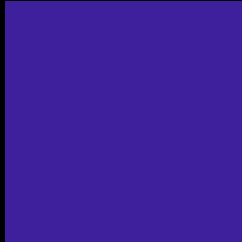
Large Text (above 18pt) WCAG AA ✓ Pass

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 55.4050, -21.3280, 45.1360 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

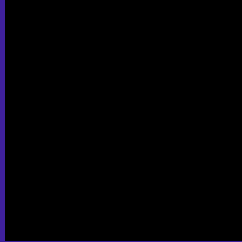
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 55.4050, -21.3280, 45.1360

Background



This preview shows how black text looks on a background with the YIQ color 55.4050, -21.3280, 45.1360.



This preview shows how white text looks on a background with the YIQ color 55.4050, -21.3280,

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

55.4050, -21.3280, 45.1360

Protanopia

48.0680, -55.4330, 7.9190

Deuteranopia

48.3640, -50.7550, 0.2290



Tritanopia

54.0120, -26.6370, -7.3490

Trichromacy



Original Color

55.4050, -21.3280, 45.1360

Protanomaly

51.0300, -43.1020, 21.2340

Deuteranomaly

50.9500, -40.1210, 16.7670

Tritanomaly

54.6880, -24.9440, 11.5360

Monochromacy



Original Color

55.4050, -21.3280, 45.1360

Achromatopsia

55.0000, 0.0000, 0.0000

Achromatomaly

55.4190, -7.8890, 16.3270

CSS Examples

Text

The CSS property to change the color of the text to YIQ 55.4050, -21.3280, 45.1360 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(63, 32, 156)` looks like.

```
.text, #text, p{  
    color:rgb(63, 32, 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(63, 32, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 32, 156) }
```

Border

The CSS property to change the border of an element to YIQ 55.4050, -21.3280, 45.1360 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(63, 32, 156) }
```


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

```
.border{ border-color:rgb(63, 32, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(63, 32, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(63, 32, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(63, 32, 156);  
box-shadow:4px 4px 4px 4px rgb(63, 32,  
156) }
```

Background

The CSS property to change the background color of an element to YIQ 55.4050, -21.3280, 45.1360 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(63, 32, 156) }
```

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

```
.background{ background-color: rgb(63, 32,  
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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