

Converting Colors

YIQ(56.2090, 9.5370, -2.1350)

Have a look what the booklet for
YIQ(56.2090, 9.5370, -2.1350)
contains.

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Color

**YIQ(56.2090, 9.5370,
-2.1350)**

Conversions

Conversions Part 1

Format	Color
Hex	40372A
RGB	64, 55, 42
RGB Percent	25%, 22%, 16%
CMY	0.7490, 0.7843, 0.8352
CMYK	0.00, 0.14, 0.34, 0.75
HSL	35°, 21%, 21%
HSV	35°, 34%, 25%
XYZ	3.8987, 3.9894, 2.7562
YIQ	56.2090, 9.5370, -2.1350

Conversions

Conversions Part 2

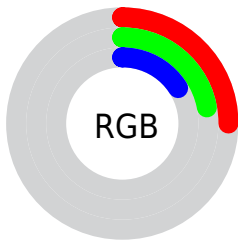
Format	Color
RYB	57, 64, 42
Decimal	4208426
CIELab	23.64, 1.59, 9.61
CIELCh	24, 9.746, 80.603
Yxy	3.9894, 0.3663, 0.3748
Android (android.graphics.Color)	4282398506 (0xFF40372A)
YUV	56.2090, -7.0050, 6.8327
Hunter-Lab	19.9734, -0.1111, 5.7998

Details

The YIQ color **56.2090, 9.5370, -2.1350** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **49.7910, -9.5370, 2.1350**, and the grayscale version is **56.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **103.2800, 10.7750, -2.5450**, and **12.7360, 9.4910, -1.3010** is the 20% darker color. If you saturate the color by 10%, you get **53.7640, 12.2880, -2.4320**, and if you desaturate by 10%, it is **58.6540, 6.7860, -1.8380**.

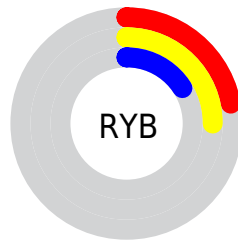
Distribution



Red (25%)

Green (22%)

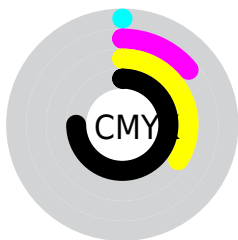
Blue (16%)



Red (22%)

Yellow (25%)

Blue (16%)

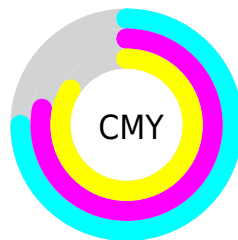


Cyan (0%)

Magenta (14%)

Yellow (34%)

Black (75%)



Cyan (75%)

Magenta (78%)

Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 56.2090, 9.5370, -2.1350 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 56.2090, 9.5370, -2.1350 by changing the saturation by 10% instead.

■ 56.2090, 9.5370,
-2.1350

■ 56.2090, 9.5370,
-2.1350

■ 255.0000, -0.0000,
-0.0000

■ 35.0240, 8.6200,
-2.0360

■ 103.2800, 10.7750,
-2.5450

■ 12.7360, 9.4910,
-1.3010

■ 128.5790, 11.3710,
-2.3330

■ 0.0000, 0.0000,
0.0000

■ 154.4650, 11.6920,
-2.6440

■ 180.7640, 12.2880,
-2.4320

■ 208.7640, 12.2880,
-2.4320

■ 236.9490, 13.2050,

-2.5310

254.0880, 2.5680,
-2.4880

56.2090, 9.5370,
-2.1350

56.2090, 9.5370,
-2.1350

53.7640, 12.2880,
-2.4320

58.6540, 6.7860,
-1.8380

51.7920, 15.0850,
-3.5630

60.6260, 3.9890,
-0.7070

49.3470, 17.8360,
-3.8600

63.0710, 1.2380,
-0.4100

47.3750, 20.6330,
-4.9910

65.0430, -1.5590,
0.7210

44.9300, 23.3840,
-5.2880

67.4880, -4.3100,
1.0180

■ 42.4850, 26.1350,
-5.5850

■ 69.9330, -7.0610,
1.3150

■ 41.4420, 27.6940,
-6.3060

■ 71.9050, -9.8580,
2.4460

■ 74.3500, -12.6090,
2.7430

■ 76.9090, -15.6810,
3.3510

Harmonies

Analogous

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



56.8720, 12.1040, 0.9040



56.2090, 9.5370, -2.1350



55.1050, 3.8980, -4.5660

Triad

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



56.2090, 9.5370, -2.1350



52.9380, -14.6250, -4.7770



57.4720, 1.7870, 6.1630

Complementary

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



56.2090, 9.5370, -2.1350



49.7910, -9.5370, 2.1350

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.



56.7100, -4.8150, 4.6650



56.2090, 9.5370, -2.1350



53.6330, -15.0840, -1.9640

Square

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



56.2090, 9.5370, -2.1350



53.6350, -9.3980, -5.8940



55.4810, -11.6000, 0.9760



57.2940, 8.1600, 6.3040

Rectangle

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



56.2090, 9.5370, -2.1350



55.0120, -0.2740, -6.0500



55.4810, -11.6000, 0.9760



57.5750, -0.0010, 5.5270

Sweetspot

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



56.2090, 9.5370, -2.1350



81.3270, 3.3930, -0.9190



49.6040, 10.2230, 7.4630



41.2560, 2.1550, -0.5090



171.0000, -0.0000, -0.0000



43.0000, -0.0000, -0.0000

Same Dimension

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



56.2090, 9.5370, -2.1350



71.9060, 14.7640, -3.2520



60.8940, 5.8700, -7.2660



32.0710, 1.2380, -0.4100



62.4620, 42.1370, -9.2470



145.0470, 96.9290, -22.0710

Inverse Universe

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



49.7910, -9.5370, 2.1350



62.0940, -14.7640, 3.2520



45.1060, -5.8700, 7.2660



30.9290, -1.2380, 0.4100



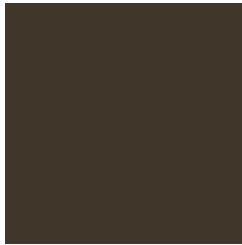
34.5380, -42.1370, 9.2470



79.5400, -97.2040, 21.5480

Previews

White Background



This preview shows how the YIQ color 56.2090, 9.5370, -2.1350 looks on a white background.

Color Contrast Check

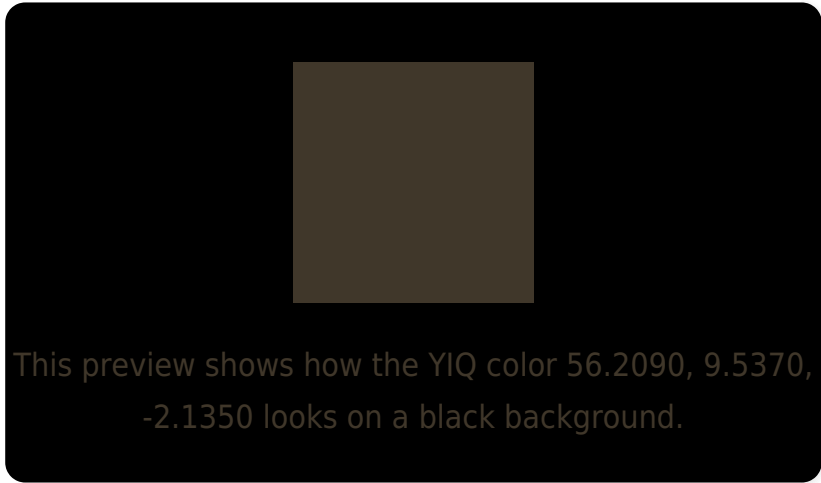
Large Text (above 18pt) WCAG AA ✓ Pass

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

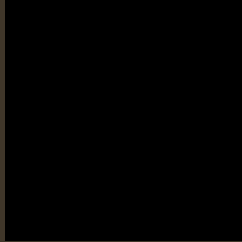
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 56.2090, 9.5370, -2.1350

Background



This preview shows how black text looks on a background with the YIQ color 56.2090, 9.5370, -2.1350.



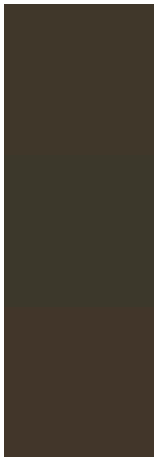
This preview shows how white text looks on a background with the YIQ color 56.2090, 9.5370,

-2.1350.

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

56.2090, 9.5370, -2.1350

Protanopia

55.7140, 6.5570, -3.1950

Deuteranopia

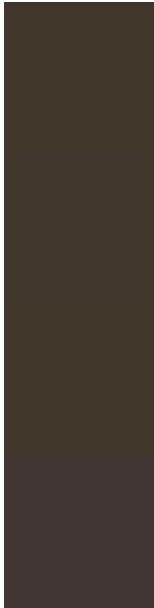
56.2200, 11.0040, -1.1880



Tritanopia

57.3430, 6.4640, 4.0000

Trichromacy



Original Color

56.2090, 9.5370, -2.1350

Protanomaly

56.0130, 7.1530, -2.9830

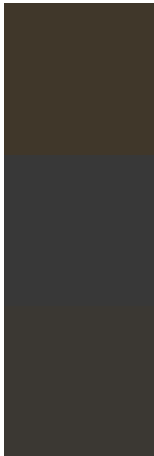
Deuteranomaly

55.9210, 10.4080, -1.4000

Tritanomaly

57.0610, 7.1980, 1.7100

Monochromacy



Original Color

56.2090, 9.5370, -2.1350

Achromatopsia

56.0000, -0.0000, 0.0000

Achromatomaly

56.3270, 3.3930, -0.9190

CSS Examples

Text

The CSS property to change the color of the text to YIQ 56.2090, 9.5370, -2.1350 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(64, 55, 42)` looks like.

```
.text, #text, p{  
    color:rgb(64, 55, 42)  
}
```

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(64, 55, 42) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(64, 55, 42) }
```

Border

The CSS property to change the border of an element to YIQ 56.2090, 9.5370, -2.1350 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(64, 55, 42) }
```


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

```
.border{ border-color:rgb(64, 55, 42) }
```

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

Here you see how a box with a 4 pixel rgb(64, 55, 42) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(64, 55, 42); -webkit-box-  
shadow:4px 4px 4px 4px rgb(64, 55, 42);  
box-shadow:4px 4px 4px 4px rgb(64, 55, 42)  
}
```

Background

The CSS property to change the background color of an element to YIQ 56.2090, 9.5370, -2.1350 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(64, 55, 42) }
```

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

```
.background{ background-color: rgb(64, 55,  
42) }
```

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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