

Converting Colors

YIQ(55.1760, -29.2540, 12.5540)

Have a look what the booklet for
YIQ(55.1760, -29.2540, 12.5540)
contains.

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Color

**YIQ(55.1760, -29.2540,
12.5540)**

Conversions

Conversions Part 1

Format	Color
Hex	23376D
RGB	35, 55, 109
RGB Percent	14%, 22%, 43%
CMY	0.8627, 0.7843, 0.5727
CMYK	0.68, 0.50, 0.00, 0.57
HSL	224°, 51%, 28%
HSV	224°, 68%, 43%
XYZ	4.8178, 4.1937, 15.0122
YIQ	55.1760, -29.2540, 12.5540

Conversions

Conversions Part 2

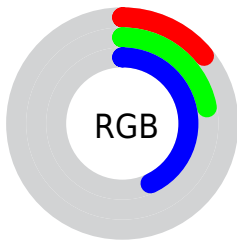
Format	Color
R_{YB}	35, 51, 109
Decimal	2307949
CIE _{Lab}	24.30, 11.33, -33.84
CIE _{LCh}	24, 35.682, 288.511
Yxy	4.1937, 0.2005, 0.1746
Android (android.graphics.Color)	4280498029 (0xFF23376D)
YUV	55.1760, 26.5352, -17.6944
Hunter-Lab	20.4786, 6.1562, -29.1286

Details

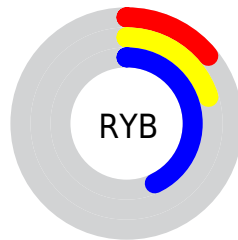
The YIQ color **55.1760, -29.2540, 12.5540** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **88.8240, 29.2540, -12.5540**, and the grayscale version is **55.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **103.9530, -27.0080, 15.9040**, and **13.9980, -22.8810, 12.6950** is the 20% darker color. If you saturate the color by 10%, you get **47.1910, -33.6100, 14.4060**, and if you desaturate by 10%, it is **63.1610, -24.8980, 10.7020**.

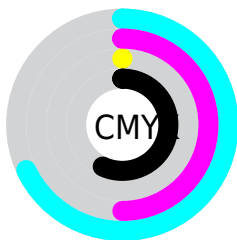
Distribution



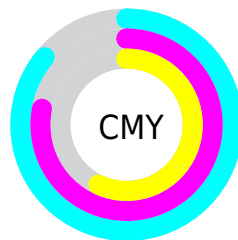
- Red (14%)
- Green (22%)
- Blue (43%)



- Red (14%)
- Yellow (20%)
- Blue (43%)



- Cyan (68%)
- Magenta (50%)
- Yellow (0%)
- Black (57%)



- Cyan (86%)
- Magenta (78%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 55.1760, -29.2540, 12.5540 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 55.1760, -29.2540, 12.5540 by changing the saturation by 10% instead.

■ 55.1760, -29.2540,
12.5540

■ 55.1760, -29.2540,
12.5540

■ 255.0000, -0.0000,
-0.0000

■ 29.5340, -36.3140,
8.3420

■ 103.9530,
-27.0080, 15.9040

■ 13.9980, -22.8810,
12.6950

■ 129.7790,
-26.4580, 16.9500

■ 6.0930, -13.0230,
10.2490

■ 156.3060,
-26.5040, 17.7840

■ 2.4110, -5.4110,
4.4530

■ 183.5340,
-27.1460, 18.4060

■ 0.0000, 0.0000,
0.0000

■ 208.8950,
-21.0930, 13.3310

■ 234.0020,

-11.5090, 4.8350

■ 55.1760, -29.2540,
12.5540

■ 55.1760, -29.2540,
12.5540

■ 47.1910, -33.6100,
14.4060

■ 63.1610, -24.8980,
10.7020

■ 39.2060, -37.9660,
16.2580

■ 71.1460, -20.5420,
8.8500

■ 31.2210, -42.3220,
18.1100

■ 79.1310, -16.1860,
6.9980

■ 29.4490, -42.9640,
18.7320

■ 87.1160, -11.8300,
5.1460

■ 94.8020, -8.0700,
3.0820

■ 102.7870, -3.7140,
1.2300

■ 110.7720, 0.6420,
-0.6220

■ 118.7570, 4.9980,
-2.4740

■ 126.7420, 9.3540,
-4.3260

Harmonies

Analogous

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



50.1080, -52.9100, 0.7380



55.1760, -29.2540, 12.5540



59.5780, 5.0850, 23.4930

Triad

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



55.1760, -29.2540, 12.5540



55.1220, 40.7590, 4.7190



45.7470, -33.7410, -21.7810

Complementary

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



55.1760, -29.2540, 12.5540



88.8240, 29.2540, -12.5540

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.



47.4750, -12.6040, -24.8920



55.1760, -29.2540, 12.5540



54.7320, 32.5090, -10.9710

Square

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



55.1760, -29.2540, 12.5540



54.3800, 40.5730, 19.1090



52.2520, 16.0050, -20.2430



49.5260, -43.0040, -13.5960

Rectangle

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



55.1760, -29.2540, 12.5540



57.8420, 21.9570, 26.0930



52.2520, 16.0050, -20.2430



44.7210, -30.8520, -24.5800

Sweetspot

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



55.1760, -29.2540, 12.5540



122.0020, -11.5090, 4.8350



84.4800, -37.3630, -22.2190



58.8730, -6.8320, 2.6720



199.0000, -0.0000, 0.0000



71.0000, -0.0000, -0.0000

Same Dimension

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



55.1760, -29.2540, 12.5540



58.4210, -45.7610, 19.8630



48.2200, -14.2180, 26.4060



49.8580, -2.4760, 0.8200



32.1220, -46.3570, 19.6510



66.6720, -96.7950, 41.6770

Inverse Universe

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



59.4060, 37.6840, 21.9080



65.2180, 59.1850, 34.2330



95.7800, 14.2180, -26.4060



50.0220, 2.9340, 1.8940



38.6310, 59.4600, 34.7560



80.7790, 124.8340, 72.4660

Previews

White Background



This preview shows how the YIQ color 55.1760, -29.2540, 12.5540 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 55.1760, -29.2540, 12.5540 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 55.1760, -29.2540, 12.5540

Background



This preview shows how black text looks on a background with the YIQ color 55.1760, -29.2540, 12.5540.



This preview shows how white text looks on a background with the YIQ color 55.1760, -29.2540,

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

55.1760, -29.2540, 12.5540

Protanopia

53.7840, -34.0220, 10.8580

Deuteranopia

46.4890, -49.6090, 1.4870



Tritanopia

45.4340, -39.7490, -12.0130

Trichromacy



Original Color

55.1760, -29.2540, 12.5540

Protanomaly

54.6810, -32.2340, 11.4940

Deuteranomaly

50.0170, -42.2280, 5.3880

Tritanomaly

49.2700, -35.9910, -3.0230

Monochromacy



Original Color

55.1760, -29.2540, 12.5540

Achromatopsia

55.0000, 0.0000, 0.0000

Achromatomaly

55.1870, -10.5920, 4.7360

CSS Examples

Text

The CSS property to change the color of the text to YIQ 55.1760, -29.2540, 12.5540 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(35, 55, 109)` looks like.

```
.text, #text, p{  
    color:rgb(35, 55, 109)  
}
```

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(35, 55, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(35, 55, 109) }
```

Border

The CSS property to change the border of an element to YIQ 55.1760, -29.2540, 12.5540 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(35, 55, 109) }
```


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

```
.border{ border-color:rgb(35, 55, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(35, 55, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(35, 55, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(35, 55, 109);  
box-shadow:4px 4px 4px 4px rgb(35, 55,  
109) }
```

Background

The CSS property to change the background color of an element to YIQ 55.1760, -29.2540, 12.5540 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(35, 55, 109) }
```

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

```
.background{ background-color: rgb(35, 55,  
109) }
```

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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