

Converting Colors

YIQ(60.1790, 1.0540, 2.9260)

Have a look what the booklet for
YIQ(60.1790, 1.0540, 2.9260)
contains.

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Color

YIQ(60.1790, 1.0540, 2.9260)

Conversions

Conversions Part 1

Format	Color
Hex	3F3A40
RGB	63, 58, 64
RGB Percent	25%, 23%, 25%
CMY	0.7529, 0.7726, 0.7490
CMYK	0.02, 0.09, 0.00, 0.75
HSL	290°, 5%, 24%
HSV	290°, 9%, 25%
XYZ	4.4885, 4.4530, 5.4734
YIQ	60.1790, 1.0540, 2.9260

Conversions

Conversions Part 2

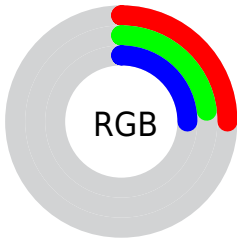
Format	Color
RYB	63, 58, 64
Decimal	4143680
CIELab	25.12, 3.50, -2.92
CIElCh	25, 4.564, 320.170
Yxy	4.4530, 0.3114, 0.3089
Android (android.graphics.Color)	4282333760 (0xFF3F3A40)
YUV	60.1790, 1.8838, 2.4740
Hunter-Lab	21.1020, 1.0393, -0.6071

Details

The YIQ color **60.1790, 1.0540, 2.9260** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **61.8210, -1.0540, -2.9260**, and the grayscale version is **60.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **107.5920, 1.3290, 3.4490**, and **17.5920, 1.3290, 3.4490** is the 20% darker color. If you saturate the color by 10%, you get **56.3580, 2.1080, 5.8520**, and if you desaturate by 10%, it is **64.0000, -0.0000, -0.0000**.

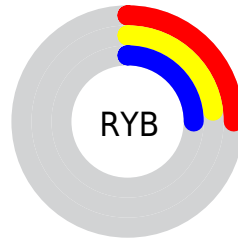
Distribution



Red (25%)

Green (23%)

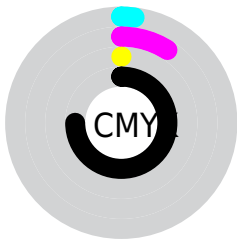
Blue (25%)



Red (25%)

Yellow (23%)

Blue (25%)

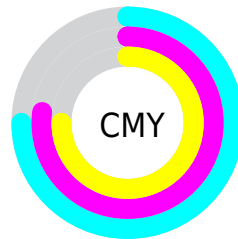


Cyan (2%)

Magenta (9%)

Yellow (0%)

Black (75%)



Cyan (75%)

Magenta (77%)

Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 60.1790, 1.0540, 2.9260 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 60.1790, 1.0540, 2.9260 by changing the saturation by 10% instead.

■ 60.1790, 1.0540,
2.9260

■ 60.1790, 1.0540,
2.9260

255.0000, -0.0000,
-0.0000

■ 38.1790, 1.0540,
2.9260

■ 107.5920, 1.3290,
3.4490

■ 17.5920, 1.3290,
3.4490

■ 132.5920, 1.3290,
3.4490

■ 0.0000, 0.0000,
0.0000

■ 158.5920, 1.3290,
3.4490

■ 185.5920, 1.3290,
3.4490

■ 213.5920, 1.3290,
3.4490

■ 241.7060, 1.0080,

3.7600

■ 60.1790, 1.0540,
2.9260

■ 60.1790, 1.0540,
2.9260

■ 56.3580, 2.1080,
5.8520

■ 64.0000, -0.0000,
-0.0000

■ 51.9500, 3.4370,
9.3010

■ 68.4080, -1.3290,
-3.4490

■ 48.1290, 4.4910,
12.2270

■ 72.2290, -2.3830,
-6.3750

■ 43.7210, 5.8200,
15.6760

■ 76.6370, -3.7120,
-9.8240

■ 39.9000, 6.8740,
18.6020

■ 80.4580, -4.7660,
-12.7500

■ 36.0790, 7.9280,
21.5280

■ 84.2790, -5.8200,
-15.6760

■ 31.6710, 9.2570,
24.9770

■ 88.6870, -7.1490,
-19.1250

■ 27.8500, 10.3110,
27.9030

■ 92.8070, -7.6070,
-21.8390

■ 23.1430, 11.0440,
31.1400

■ 97.2150, -8.9360,
-25.2880

Harmonies

Analogous

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



59.7980, -2.2470, 2.1770



60.1790, 1.0540, 2.9260



60.1470, 4.0800, 3.1520

Triad

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



60.1790, 1.0540, 2.9260



59.8110, 4.9060, -0.8060



58.7110, -6.5560, -2.3320

Complementary

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



60.1790, 1.0540, 2.9260



61.8210, -1.0540, -2.9260

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.



58.8530, -4.0800, -3.1520



60.1790, 1.0540, 2.9260



59.2020, 2.2470, -2.1770

Square

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



60.1790, 1.0540, 2.9260



59.9360, 6.0520, 0.4520



58.8210, -1.0540, -2.9260



58.7650, -6.6480, -0.6640

Rectangle

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



60.1790, 1.0540, 2.9260



60.1040, 5.6390, 2.4310



58.8210, -1.0540, -2.9260



58.5970, -6.2350, -2.6430

Sweetspot

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



60.1790, 1.0540, 2.9260



82.8260, 0.5500, 1.0460



59.2710, -2.2010, 1.3430



42.4130, 0.2750, 0.5230



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.



60.1790, 1.0540, 2.9260



78.4180, 1.8790, 4.4950



60.2500, 2.2920, 2.5160



31.2390, 0.8250, 1.5690



35.2770, 17.1390, 47.3390



81.4490, 39.5480, 109.3080

Inverse Universe

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



59.9080, 3.2550, 1.5830



77.8050, 5.0430, 2.2190



61.7500, -2.2920, -2.5160



30.8970, 1.7880, 0.6360



30.8270, 52.6760, 25.5400



71.1940, 121.6270, 58.9950

Previews

White Background



This preview shows how the YIQ color 60.1790, 1.0540, 2.9260 looks on a white background.

Color Contrast Check

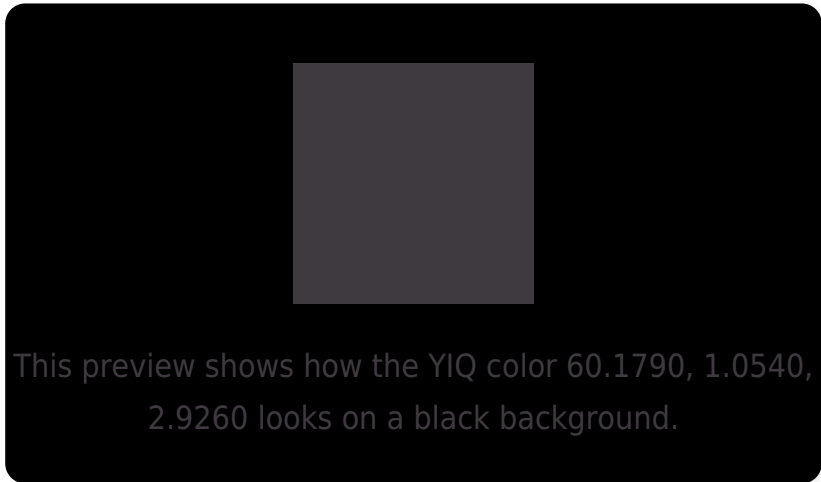
Large Text (above 18pt) WCAG AA ✓ Pass

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

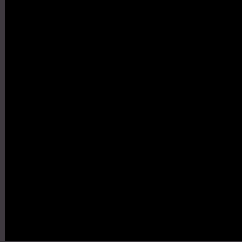
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 60.1790, 1.0540, 2.9260

Background



This preview shows how black text looks on a background with the YIQ color 60.1790, 1.0540, 2.9260.



This preview shows how white text looks on a background with the YIQ color 60.1790, 1.0540, 2.9260.

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

60.1790, 1.0540, 2.9260

Protanopia

59.6840, -1.9260, 1.8660

Deuteranopia

60.1790, 1.0540, 2.9260



Tritanopia

60.0650, 1.3750, 2.6150

Trichromacy



Original Color

60.1790, 1.0540, 2.9260

Protanomaly

59.9830, -1.3300, 2.0780

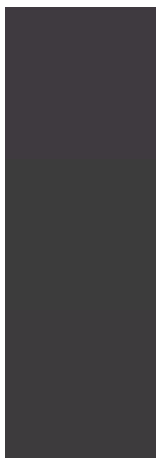
Deuteranomaly

60.1790, 1.0540, 2.9260

Tritanomaly

60.0650, 1.3750, 2.6150

Monochromacy



Original Color

60.1790, 1.0540, 2.9260

Achromatopsia

60.0000, -0.0000, -0.0000

Achromatomaly

59.8260, 0.5500, 1.0460

CSS Examples

Text

The CSS property to change the color of the text to YIQ 60.1790, 1.0540, 2.9260 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, 58, 64)` looks like.

```
.text, #text, p{  
    color:rgb(63, 58, 64)  
}
```

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, 58, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 58, 64) }
```

Border

The CSS property to change the border of an element to YIQ 60.1790, 1.0540, 2.9260 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, 58, 64) }
```

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

```
.border{ border-color:rgb(63, 58, 64) }
```

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

Here you see how a box with a 4 pixel rgb(63, 58, 64) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(63, 58, 64); -webkit-box-  
shadow:4px 4px 4px 4px rgb(63, 58, 64);  
box-shadow:4px 4px 4px 4px rgb(63, 58, 64)  
}
```


Background

The CSS property to change the background color of an element to YIQ 60.1790, 1.0540, 2.9260 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(63, 58, 64) }
```

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

```
.background{ background-color: rgb(63, 58,  
64) }
```

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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