

Converting Colors

YIQ(46.1750, -2.2910, -8.0430)

Have a look what the booklet for
YIQ(46.1750, -2.2910, -8.0430)
contains.

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Color

**YIQ(46.1750, -2.2910,
-8.0430)**

Conversions

Conversions Part 1

Format	Color
Hex	273423
RGB	39, 52, 35
RGB Percent	15%, 20%, 14%
CMY	0.8471, 0.7961, 0.8627
CMYK	0.25, 0.00, 0.33, 0.80
HSL	106°, 20%, 17%
HSV	106°, 33%, 20%
XYZ	2.3679, 3.0090, 2.0462
YIQ	46.1750, -2.2910, -8.0430

Conversions

Conversions Part 2

Format	Color
R_{YB}	35, 52, 48
Decimal	2569251
CIE Lab	20.08, -9.48, 9.03
CIE LCh	20, 13.098, 136.395
Yxy	3.0090, 0.3190, 0.4054
Android (android.graphics.Color)	4280759331 (0xFF273423)
YUV	46.1750, -5.5093, -6.2925
Hunter-Lab	17.3463, -5.9893, 5.1486

Details

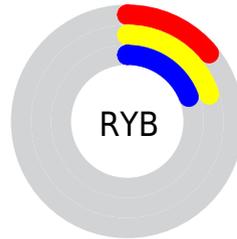
The YIQ color **46.1750, -2.2910, -8.0430** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **40.8250, 2.2910, 8.0430**, and the grayscale version is **46.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **92.2350, -2.5200, -9.4000**, and **0.5870, -0.2750, -0.5230** is the 20% darker color. If you saturate the color by 10%, you get **44.4090, -3.0700, -10.4460**, and if you desaturate by 10%, it is **47.9410, -1.5120, -5.6400**.

Distribution



- Red (15%)
- Green (20%)
- Blue (14%)



- Red (14%)
- Yellow (20%)
- Blue (19%)



- Cyan (25%)
- Magenta (0%)
- Yellow (33%)
- Black (80%)



- Cyan (85%)
- Magenta (80%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 46.1750, -2.2910, -8.0430 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 46.1750, -2.2910, -8.0430 by changing the saturation by 10% instead.

■ 46.1750, -2.2910,
-8.0430

■ 46.1750, -2.2910,
-8.0430

■ 255.0000, -0.0000,
-0.0000

■ 25.4740, -1.6950,
-7.8310

■ 92.2350, -2.5200,
-9.4000

■ 0.5870, -0.2750,
-0.5230

■ 116.6480, -2.2450,
-8.8770

■ 0.0000, 0.0000,
0.0000

■ 142.2350, -2.5200,
-9.4000

■ 168.8220, -2.7950,
-9.9230

■ 195.7080, -2.4740,
-10.2340

■ 223.7080, -2.4740,

-10.2340

■ 249.3600, -1.3740,
-8.1420

■ 46.1750, -2.2910,
-8.0430

■ 46.1750, -2.2910,
-8.0430

■ 44.4090, -3.0700,
-10.4460

■ 47.9410, -1.5120,
-5.6400

■ 42.6430, -3.8490,
-12.8490

■ 49.7070, -0.7330,
-3.2370

■ 40.7630, -4.3070,
-15.5630

■ 51.5870, -0.2750,
-0.5230

■ 38.9970, -5.0860,
-17.9660

■ 53.3530, 0.5040,
1.8800

■ 37.2310, -5.8650,
-20.3690

■ 55.1190, 1.2830,
4.2830

■ 35.4650, -6.6440,
-22.7720

■ 56.8850, 2.0620,
6.6860

■ 34.1120, -7.1480,
-24.6520

■ 58.6510, 2.8410,
9.0890

■ 60.5310, 3.2990,
11.8030

■ 62.2970, 4.0780,
14.2060

Harmonies

Analogous

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



47.7200, 6.4200, -6.2200



46.1750, -2.2910, -8.0430



44.4990, -12.0110, -8.0990

Triad

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



46.1750, -2.2910, -8.0430



46.2460, -18.2480, 0.3120



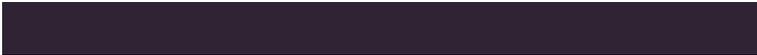
49.4150, 15.1290, 6.6570

Complementary

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



46.1750, -2.2910, -8.0430



40.8250, 2.2910, 8.0430

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.



50.1310, 10.1770, 8.2970



46.1750, -2.2910, -8.0430



48.9700, -8.4830, 5.0610

Square

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



46.1750, -2.2910, -8.0430



43.5610, -23.7490, -4.6210



49.6400, 1.3740, 8.1420



48.6660, 15.6800, 2.1760

Rectangle

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



46.1750, -2.2910, -8.0430



43.6770, -18.3840, -8.2400



49.6400, 1.3740, 8.1420



49.4580, 13.5700, 7.3780

Sweetspot

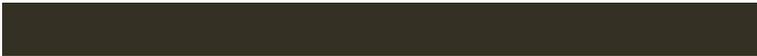
The Sweet Spot groups the original color and five complimentary colors.



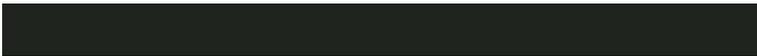
46.1750, -2.2910, -8.0430



66.7070, -0.7330, -3.2370



47.7140, 6.5570, -3.1950



34.2340, -0.7790, -2.4030



163.0000, -0.0000, -0.0000



36.0000, -0.0000, 0.0000

Same Dimension

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



46.1750, -2.2910, -8.0430



59.6430, -3.8490, -12.8490



45.4350, -5.9590, -7.6470



25.0600, -0.2290, -1.3570



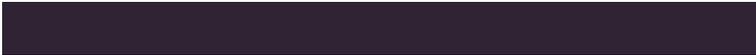
58.5220, -11.9590, -42.0950



142.6280, -29.2790, -102.6790

Inverse Universe

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



40.8250, 2.2910, 8.0430



51.3570, 3.8490, 12.8490



41.5650, 5.9590, 7.6470



23.9400, 0.2290, 1.3570



30.4780, 11.9590, 42.0950



74.3720, 29.2790, 102.6790

Previews

White Background



This preview shows how the YIQ color 46.1750, -2.2910, -8.0430 looks on a white background.

Color Contrast Check

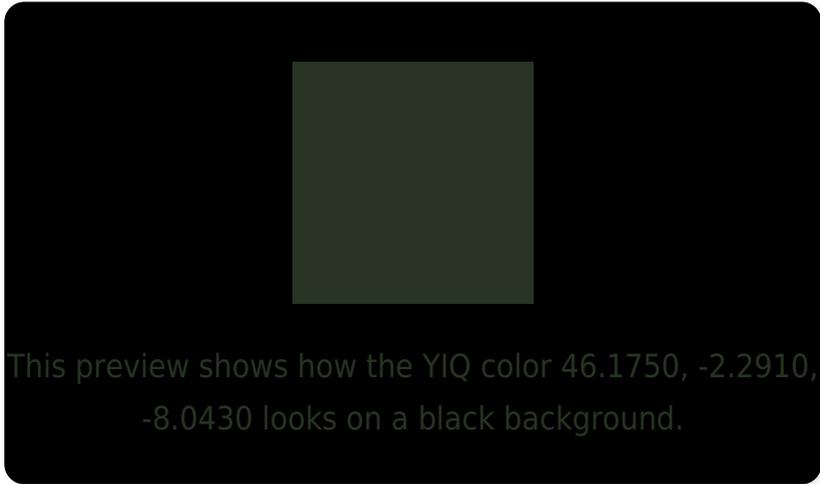
Large Text (above 18pt) WCAG AA ✓ Pass

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

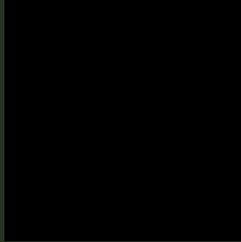
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 46.1750, -2.2910, -8.0430

Background



This preview shows how black text looks on a background with the YIQ color 46.1750, -2.2910, -8.0430.



This preview shows how white text looks on a background with the YIQ color 46.1750, -2.2910, -8.0430.

-8.0430.

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

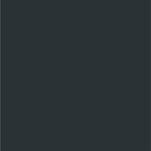
46.1750, -2.2910, -8.0430

Protanopia

47.4860, 7.1990, -3.8170

Deuteranopia

48.1490, 9.7660, -0.7780



Tritanopia

48.0640, -6.0520, -0.4520

Trichromacy



Original Color

46.1750, -2.2910, -8.0430

Protanomaly

46.6920, 3.6230, -5.0890

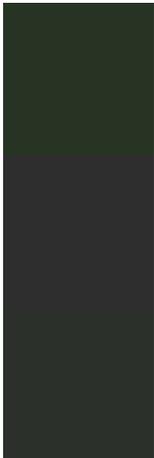
Deuteranomaly

47.2300, 5.0440, -3.3080

Tritanomaly

47.5540, -4.6760, -3.3640

Monochromacy



Original Color

46.1750, -2.2910, -8.0430

Achromatopsia

46.0000, 0.0000, -0.0000

Achromatomaly

45.8210, -1.0540, -2.9260

CSS Examples

Text

The CSS property to change the color of the text to YIQ 46.1750, -2.2910, -8.0430 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(39, 52, 35)` looks like.

```
.text, #text, p{  
    color:rgb(39, 52, 35)  
}
```

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(39, 52, 35) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(39, 52, 35) }
```

Border

The CSS property to change the border of an element to YIQ 46.1750, -2.2910, -8.0430 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(39, 52, 35) }
```

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

```
.border{ border-color:rgb(39, 52, 35) }
```

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

Here you see how a box with a 4 pixel `rgb(39, 52, 35)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(39, 52, 35); -webkit-box-  
shadow:4px 4px 4px 4px rgb(39, 52, 35);  
box-shadow:4px 4px 4px 4px rgb(39, 52, 35)  
}
```

Background

The CSS property to change the background color of an element to YIQ 46.1750, -2.2910, -8.0430 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(39, 52, 35) }
```

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

```
.background{ background-color: rgb(39, 52,  
35) }
```

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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