

Converting Colors

YIQ(56.6510, -6.3270, -0.9750)

Have a look what the booklet for
YIQ(56.6510, -6.3270, -0.9750)
contains.

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Color

**YIQ(56.6510, -6.3270,
-0.9750)**

Conversions

Conversions Part 1

Format	Color
Hex	323B3E
RGB	50, 59, 62
RGB Percent	20%, 23%, 24%
CMY	0.8039, 0.7686, 0.7569
CMYK	0.19, 0.05, 0.00, 0.76
HSL	195°, 11%, 22%
HSV	195°, 19%, 24%
XYZ	3.7486, 4.1540, 5.1607
YIQ	56.6510, -6.3270, -0.9750

Conversions

Conversions Part 2

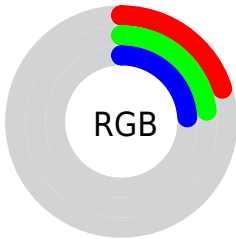
Format	Color
R_{YB}	50, 55, 62
Decimal	3291966
CIE Lab	24.17, -2.97, -3.11
CIE LCh	24, 4.302, 226.350
Yxy	4.1540, 0.2870, 0.3180
Android (android.graphics.Color)	4281482046 (0xFF323B3E)
YUV	56.6510, 2.6371, -5.8329
Hunter-Lab	20.3814, -2.8372, -0.7455

Details

The YIQ color **56.6510, -6.3270, -0.9750** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **55.3490, 6.3270, 0.9750**, and the grayscale version is **57.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **103.3520, -6.9230, -1.1870**, and **13.4550, -8.7110, -1.8230** is the 20% darker color. If you saturate the color by 10%, you get **53.6830, -9.3530, -1.2010**, and if you desaturate by 10%, it is **59.6190, -3.3010, -0.7490**.

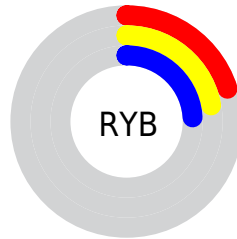
Distribution



Red (20%)

Green (23%)

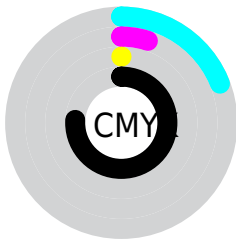
Blue (24%)



Red (20%)

Yellow (22%)

Blue (24%)

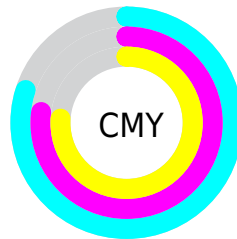


Cyan (19%)

Magenta (5%)

Yellow (0%)

Black (76%)



Cyan (80%)

Magenta (77%)

Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 56.6510, -6.3270, -0.9750 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 56.6510, -6.3270, -0.9750 by changing the saturation by 10% instead.

■ 56.6510, -6.3270,
-0.9750

■ 56.6510, -6.3270,
-0.9750

■ 255.0000, -0.0000,
-0.0000

■ 34.9500, -5.7310,
-0.7630

■ 103.3520, -6.9230,
-1.1870

■ 13.4550, -8.7110,
-1.8230

■ 128.4660, -7.2440,
-0.8760

■ 0.0000, 0.0000,
0.0000

■ 154.4660, -7.2440,
-0.8760

■ 181.4660, -7.2440,
-0.8760

■ 209.1670, -7.8400,
-1.0880

■ 237.1670, -7.8400,

-1.0880

■ 56.6510, -6.3270,
-0.9750

■ 56.6510, -6.3270,
-0.9750

■ 53.6830, -9.3530,
-1.2010

■ 59.6190, -3.3010,
-0.7490

■ 51.3020, -12.6540,
-1.9500

■ 62.0000, -0.0000,
-0.0000

■ 48.0350, -16.2760,
-2.3880

■ 65.2670, 3.6220,
0.4380

■ 45.6540, -19.5770,
-3.1370

■ 67.6480, 6.9230,
1.1870

■ 42.6860, -22.6030,
-3.3630

■ 70.6160, 9.9490,
1.4130

■ 40.3050, -25.9040,
-4.1120

■ 72.9970, 13.2500,
2.1620

■ 37.3370, -28.9300,
-4.3380

■ 75.9650, 16.2760,
2.3880

■ 34.6570, -32.8270,
-5.2990

■ 78.6450, 20.1730,
3.3490

■ 81.6130, 23.1990,
3.5750

Harmonies

Analogous

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



56.3090, -5.3640, -1.9080



56.6510, -6.3270, -0.9750



57.1890, -4.9060, 0.8060

Triad

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



56.6510, -6.3270, -0.9750



57.8480, 3.4840, 2.9400



57.2020, 2.2470, -2.1770

Complementary

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



56.6510, -6.3270, -0.9750



55.3490, 6.3270, 0.9750

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.



57.8110, 4.9060, -0.8060



56.6510, -6.3270, -0.9750



58.1040, 5.6390, 2.4310

Square

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



56.6510, -6.3270, -0.9750



57.8800, 0.4580, 2.7140



58.0500, 5.7310, 0.7630



56.8210, -1.0540, -2.9260

Rectangle

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



56.6510, -6.3270, -0.9750



57.2000, -3.4390, 1.7530



58.0500, 5.7310, 0.7630



56.9140, 3.1180, -1.4420

Sweetspot

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



56.6510, -6.3270, -0.9750



79.3310, -2.4300, -0.0140



57.3860, -4.2630, -5.3430



39.5160, -1.5130, -0.1130



168.0000, -0.0000, -0.0000



41.0000, 0.0000, -0.0000

Same Dimension

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



56.6510, -6.3270, -0.9750



73.3840, -9.9490, -1.4130



53.1290, -4.6770, 2.1630



29.5160, -1.5130, -0.1130



52.3930, -49.6990, -7.8990



123.3370, -117.1870, -18.2990

Inverse Universe

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



54.6140, 4.2630, 5.3430



70.2770, 6.8300, 8.3820



58.8710, 4.6770, -2.1630



29.1250, 1.1460, 1.2580



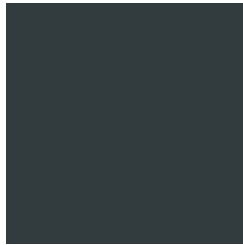
36.2000, 33.2330, 42.0090



85.4160, 78.7050, 99.0010

Previews

White Background



This preview shows how the YIQ color 56.6510, -6.3270, -0.9750 looks on a white background.

Color Contrast Check

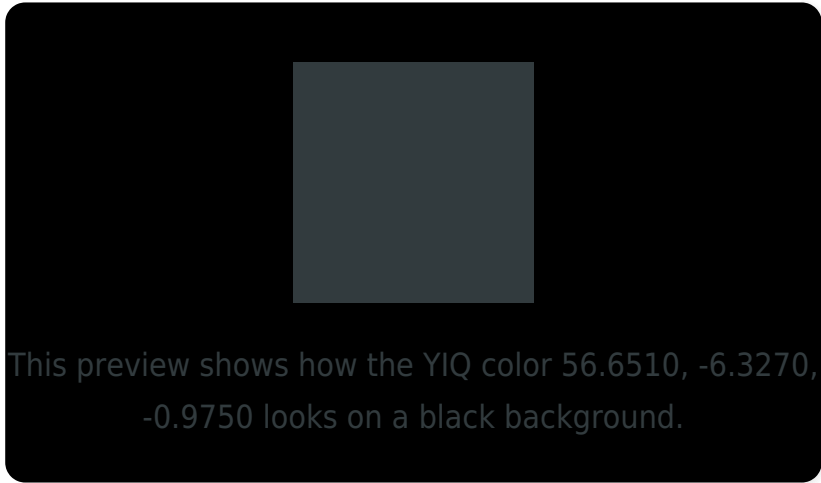
Large Text (above 18pt) WCAG AA ✓ Pass

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

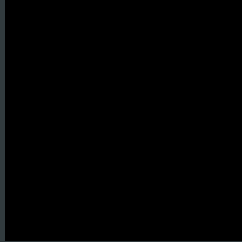
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 56.6510, -6.3270, -0.9750

Background



This preview shows how black text looks on a background with the YIQ color 56.6510, -6.3270, -0.9750.



This preview shows how white text looks on a background with the YIQ color 56.6510, -6.3270, -0.9750.

-0.9750.

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

56.6510, -6.3270, -0.9750

Protanopia

57.4560, -1.2840, 1.2440

Deuteranopia

58.2930, 0.7330, 3.2370



Tritanopia

56.7650, -6.6480, -0.6640

Trichromacy



Original Color

56.6510, -6.3270, -0.9750

Protanomaly

57.1460, -3.3470, 0.0850

Deuteranomaly

57.6840, -1.9260, 1.8660

Tritanomaly

56.7650, -6.6480, -0.6640

Monochromacy



Original Color

56.6510, -6.3270, -0.9750

Achromatopsia

57.0000, 0.0000, 0.0000

Achromatomaly

56.9180, -2.7050, -0.5370

CSS Examples

Text

The CSS property to change the color of the text to YIQ 56.6510, -6.3270, -0.9750 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(50, 59, 62)` looks like.

```
.text, #text, p{  
    color:rgb(50, 59, 62)  
}
```

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(50, 59, 62) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(50, 59, 62) }
```

Border

The CSS property to change the border of an element to YIQ 56.6510, -6.3270, -0.9750 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(50, 59, 62) }
```


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

```
.border{ border-color:rgb(50, 59, 62) }
```

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

Here you see how a box with a 4 pixel `rgb(50, 59, 62)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(50, 59, 62); -webkit-box-  
shadow:4px 4px 4px 4px rgb(50, 59, 62);  
box-shadow:4px 4px 4px 4px rgb(50, 59, 62)  
}
```

Background

The CSS property to change the background color of an element to YIQ 56.6510, -6.3270, -0.9750 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(50, 59, 62) }
```

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

```
.background{ background-color: rgb(50, 59,  
62) }
```

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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