

Converting Colors

YIQ(65.1250, 0.0050, -27.6350)

Have a look what the booklet for
YIQ(65.1250, 0.0050, -27.6350)
contains.

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Color

**YIQ(65.1250, 0.0050,
-27.6350)**

Conversions

Conversions Part 1

Format	Color
Hex	305312
RGB	48, 83, 18
RGB Percent	19%, 33%, 7%
CMY	0.8119, 0.6744, 0.9294
CMYK	0.42, 0.00, 0.78, 0.67
HSL	92°, 64%, 20%
HSV	92°, 78%, 33%
XYZ	4.4211, 6.8601, 1.6639
YIQ	65.1250, 0.0050, -27.6350

Conversions

Conversions Part 2

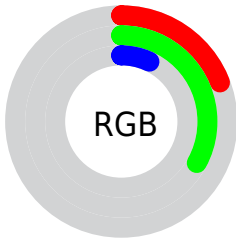
Format	Color
R_{YB}	18, 83, 53
Decimal	3166994
CIE _{Lab}	31.49, -24.86, 32.24
CIE _{LCh}	31, 40.715, 127.638
Yxy	6.8601, 0.3415, 0.5299
Android (android.graphics.Color)	4281357074 (0xFF305312)
YUV	65.1250, -23.2326, -15.0186
Hunter-Lab	26.1917, -15.7052, 14.5676

Details

The YIQ color $[65.1250, 0.0050, -27.6350]$ is a dark color, and the websafe version is hex 336633 . A complement of this color would be $[35.8750, -0.0050, 27.6350]$, and the grayscale version is $[65.0000, -0.0000, -0.0000]$.

A 20% lighter version of the original color is $[114.7830, 0.9680, -28.5680]$, and $[22.3060, -10.4500, -19.8740]$ is the 20% darker color. If you saturate the color by 10%, you get $[62.7180, -0.4070, -31.1830]$, and if you desaturate by 10%, it is $[67.2330, -0.1790, -24.2990]$.

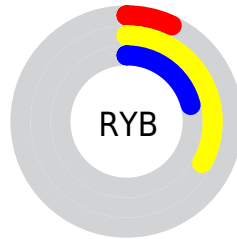
Distribution



Red (19%)

Green (33%)

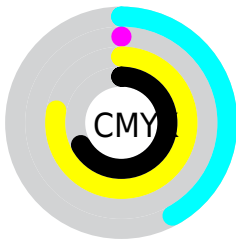
Blue (7%)



Red (7%)

Yellow (33%)

Blue (21%)

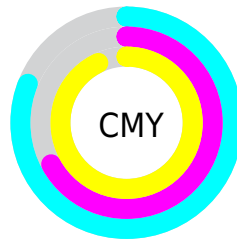


Cyan (42%)

Magenta (0%)

Yellow (78%)

Black (67%)



Cyan (81%)

Magenta (67%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 65.1250, 0.0050, -27.6350 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 65.1250, 0.0050, -27.6350 by changing the saturation by 10% instead.

65.1250, 0.0050,
-27.6350

65.1250, 0.0050,
-27.6350

254.6580, 0.9630,
-0.9330

42.3960, -2.1960,
-26.2920

114.4840, 0.3720,
-28.7800

22.3060, -10.4500,
-19.8740

140.3700, 0.6930,
-29.0910

5.8700, -2.7500,
-5.2300

167.1420, 1.3350,
-29.7130

0.0000, 0.0000,
0.0000

194.6150, 1.3810,
-30.5470

222.5010, 1.7020,
-30.8580

241.8810, 6.7440,

-23.1120

■ 251.3520, 10.2720,
-9.9520

■ 65.1250, 0.0050,
-27.6350

■ 65.1250, 0.0050,
-27.6350

■ 62.7180, -0.4070,
-31.1830

■ 67.2330, -0.1790,
-24.2990

■ 60.4960, 0.0980,
-34.8300

■ 69.7540, -0.0880,
-20.4400

■ 60.0830, -0.1770,
-35.3530

■ 71.8620, -0.2720,
-17.1040

■ 74.2690, 0.1400,
-13.5560

■ 76.4910, -0.3650,
-9.9090

■ 78.8980, 0.0470,
-6.3610

■ 81.0060, -0.1370,
-3.0250

■ 83.4130, 0.2750,
0.5230

■ 85.6350, -0.2300,
4.1700

Harmonies

Analogous

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



68.5430, 28.2470, -21.8410



65.1250, 0.0050, -27.6350



56.5410, -39.3330, -30.5730

Triad

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



65.1250, 0.0050, -27.6350



64.4700, -65.7930, -2.5690



71.4610, 45.0190, 26.6430

Complementary

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



65.1250, 0.0050, -27.6350



35.8750, -0.0050, 27.6350

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.



74.7440, 25.3490, 30.7010



65.1250, 0.0050, -27.6350



59.7570, -64.9230, 3.6930

Square

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



65.1250, 0.0050, -27.6350



64.4240, -60.1520, -11.1920



76.0590, -6.5150, 24.4690



71.2420, 49.4690, 12.0690

Rectangle

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



65.1250, 0.0050, -27.6350



60.2230, -46.9450, -24.7770



76.0590, -6.5150, 24.4690



72.1170, 40.2960, 29.6400

Sweetspot

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



65.1250, 0.0050, -27.6350



100.2630, 0.2770, -10.5310



57.9800, 29.1150, -4.5250



49.5990, -0.5490, -6.5730



181.0000, -0.0000, 0.0000



54.0000, -0.0000, 0.0000

Same Dimension

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



65.1250, 0.0050, -27.6350



79.3400, 0.2370, -42.8590



56.3830, -18.5170, -33.3730



39.9460, 0.0920, -1.6680



75.9870, -0.2670, -44.7390



168.1770, -0.0280, -98.6520

Inverse Universe

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



35.8750, -0.0050, 27.6350



33.9590, 0.3590, 43.0710



44.6170, 18.5170, 33.3730



38.0540, -0.0920, 1.6680



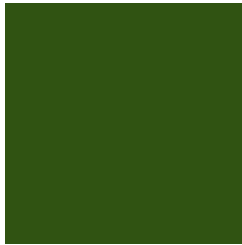
28.7140, -0.3290, 44.5270



63.8230, 0.0280, 98.6520

Previews

White Background



This preview shows how the YIQ color 65.1250, 0.0050, -27.6350 looks on a white background.

Color Contrast Check

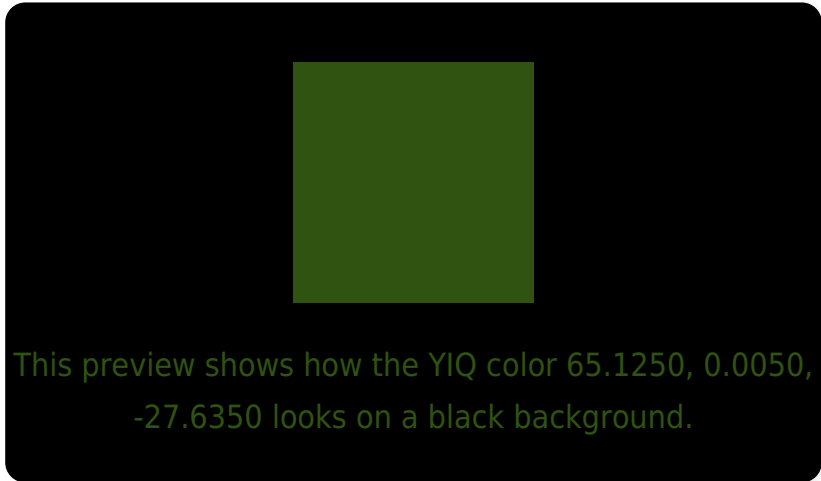
Large Text (above 18pt) WCAG AA ✓ Pass

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

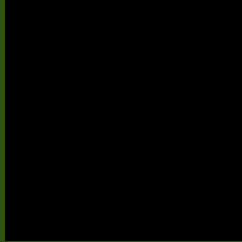
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 65.1250, 0.0050, -27.6350

Background



This preview shows how black text looks on a background with the YIQ color 65.1250, 0.0050, -27.6350.



This preview shows how white text looks on a background with the YIQ color 65.1250, 0.0050,

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

65.1250, 0.0050, -27.6350

Protanopia

70.0790, 23.9820, -16.1300

Deuteranopia

71.6330, 28.4740, -9.4300



Tritanopia

71.8180, -14.1670, -2.0630

Trichromacy



Original Color

65.1250, 0.0050, -27.6350

Protanomaly

68.0670, 15.0880, -20.1440

Deuteranomaly

69.5560, 18.2050, -16.0590

Tritanomaly

69.3590, -8.8010, -11.2090

Monochromacy



Original Color

65.1250, 0.0050, -27.6350

Achromatopsia

65.0000, -0.0000, -0.0000

Achromatomaly

65.3770, -0.0440, -10.2200

CSS Examples

Text

The CSS property to change the color of the text to YIQ 65.1250, 0.0050, -27.6350 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(48, 83, 18)` looks like.

```
.text, #text, p{  
    color:rgb(48, 83, 18)  
}
```

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(48, 83, 18) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(48, 83, 18) }
```

Border

The CSS property to change the border of an element to YIQ 65.1250, 0.0050, -27.6350 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(48, 83, 18) }
```


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

```
.border{ border-color:rgb(48, 83, 18) }
```

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

Here you see how a box with a 4 pixel rgb(48, 83, 18) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(48, 83, 18); -webkit-box-  
shadow:4px 4px 4px 4px rgb(48, 83, 18);  
box-shadow:4px 4px 4px 4px rgb(48, 83, 18)  
}
```

Background

The CSS property to change the background color of an element to YIQ 65.1250, 0.0050, -27.6350 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(48, 83, 18) }
```

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

```
.background{ background-color: rgb(48, 83,  
18) }
```

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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