

Converting Colors

YIQ(65.5450, -17.6520, 0.5240)

Have a look what the booklet for
YIQ(65.5450, -17.6520, 0.5240)
contains.

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Color

**YIQ(65.5450, -17.6520,
0.5240)**

Conversions

Conversions Part 1

Format	Color
Hex	314656
RGB	49, 70, 86
RGB Percent	19%, 27%, 34%
CMY	0.8079, 0.7255, 0.6628
CMYK	0.43, 0.19, 0.00, 0.66
HSL	206°, 27%, 26%
HSV	206°, 43%, 34%
XYZ	5.1357, 5.7057, 9.6303
YIQ	65.5450, -17.6520, 0.5240

Conversions

Conversions Part 2

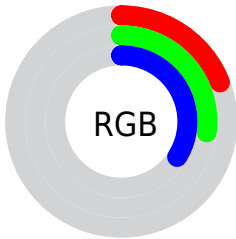
Format	Color
RYB	49, 62, 86
Decimal	3229270
CIELab	28.66, -3.46, -12.11
CIElCh	29, 12.599, 254.051
Yxy	5.7057, 0.2509, 0.2787
Android (android.graphics.Color)	4281419350 (0xFF314656)
YUV	65.5450, 10.0843, -14.5100
Hunter-Lab	23.8866, -3.4233, -7.1832

Details

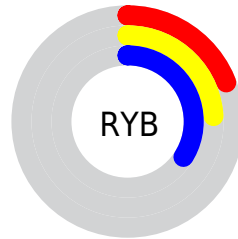
The YIQ color **65.5450, -17.6520, 0.5240** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **69.4550, 17.6520, -0.5240**, and the grayscale version is **65.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **113.7730, -18.2940, 1.1460**, and **21.4200, -18.7980, -0.7340** is the 20% darker color. If you saturate the color by 10%, you get **60.5060, -21.9160, 0.7080**, and if you desaturate by 10%, it is **70.5840, -13.3880, 0.3400**.

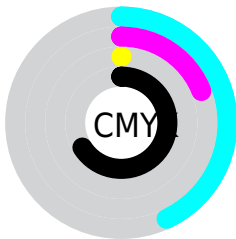
Distribution



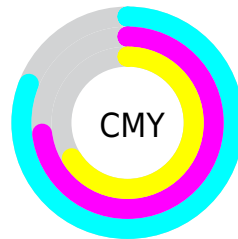
- Red (19%)
- Green (27%)
- Blue (34%)



- Red (19%)
- Yellow (24%)
- Blue (34%)



- Cyan (43%)
- Magenta (19%)
- Yellow (0%)
- Black (66%)



- Cyan (81%)
- Magenta (73%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 65.5450, -17.6520, 0.5240 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 65.5450, -17.6520, 0.5240 by changing the saturation by 10% instead.

■ 65.5450, -17.6520,
0.5240

■ 65.5450, -17.6520,
0.5240

■ 255.0000, -0.0000,
-0.0000

■ 43.1320, -17.9270,
0.0010

■ 113.7730,
-18.2940, 1.1460

■ 21.4200, -18.7980,
-0.7340

■ 139.4740,
-18.8900, 0.9340

■ 2.8670, -6.6950,
5.6970

■ 165.5880,
-19.2110, 1.2450

■ 0.0000, 0.0000,
0.0000

■ 193.2890,
-19.8070, 1.0330

■ 221.2890,
-19.8070, 1.0330

■ 247.2370,

-14.0290, -4.5650

■ 65.5450, -17.6520,
0.5240

■ 65.5450, -17.6520,
0.5240

■ 60.5060, -21.9160,
0.7080

■ 70.5840, -13.3880,
0.3400

■ 56.3530, -25.8590,
0.5810

■ 74.7370, -9.4450,
0.4670

■ 51.3140, -30.1230,
0.7650

■ 79.7760, -5.1810,
0.2830

■ 46.5740, -33.7910,
1.1610

■ 84.5160, -1.5130,
-0.1130

■ 41.5350, -38.0550,
1.3450

■ 89.5550, 2.7510,
-0.2970

■ 38.5670, -41.0810,
1.1190

■ 94.0070, 7.2900,
0.0420

■ 98.7470, 10.9580,
-0.3540

■ 103.7860, 15.2220,
-0.5380

■ 107.9390, 19.1650,
-0.4110

Harmonies

Analogous

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



63.4580, -21.9610, -3.9850



65.5450, -17.6520, 0.5240



67.6710, -9.0790, 4.8490

Triad

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



65.5450, -17.6520, 0.5240



69.0020, 14.8540, 6.1340



65.3600, -1.3740, -8.1420

Complementary

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



65.5450, -17.6520, 0.5240



69.4550, 17.6520, -0.5240

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.



66.4320, 7.2910, -5.4850



65.5450, -17.6520, 0.5240



68.2640, 16.8720, 2.6000

Square

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



65.5450, -17.6520, 0.5240



69.2450, 9.8560, 8.6080



67.3620, 13.4800, -2.0080



64.2710, -11.3690, -8.7210

Rectangle

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



65.5450, -17.6520, 0.5240



68.9600, -2.5230, 7.1810



67.3620, 13.4800, -2.0080



65.7410, 1.9270, -7.3930

Sweetspot

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



65.5450, -17.6520, 0.5240



104.2920, -6.6940, 0.1700



72.4290, -14.9900, -14.6860



50.9610, -4.2640, 0.1840



184.0000, 0.0000, -0.0000



56.0000, -0.0000, 0.0000

Same Dimension

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



65.5450, -17.6520, 0.5240



79.9830, -27.6930, 0.7790



54.9790, -12.7020, 9.9380



40.6300, -1.8340, 0.1980



48.0050, -51.1220, 1.3740



104.8610, -112.0100, 3.5260

Inverse Universe

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



62.4570, 15.3110, 14.3750



75.1040, 23.9750, 22.5590



80.0210, 12.7020, -9.9380



40.4240, 1.7420, 1.4700



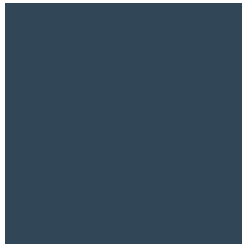
38.9470, 44.1910, 41.6550



85.4270, 97.3670, 91.1830

Previews

White Background



This preview shows how the YIQ color 65.5450, -17.6520, 0.5240 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

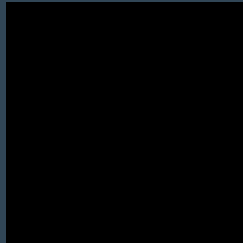
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

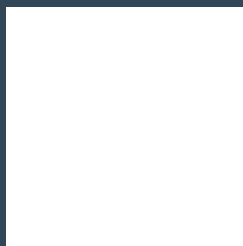
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 65.5450, -17.6520, 0.5240

Background



This preview shows how black text looks on a background with the YIQ color 65.5450, -17.6520, 0.5240.



This preview shows how white text looks on a background with the YIQ color 65.5450, -17.6520,

0.5240.

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

65.5450, -17.6520, 0.5240

Protanopia

67.7420, -7.8410, 4.4390

Deuteranopia

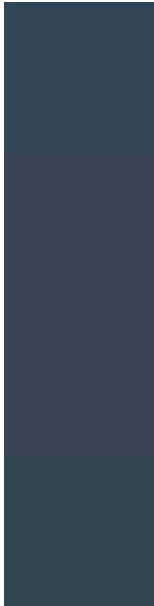
67.7960, -7.9330, 6.1070



Tritanopia

65.0950, -16.5050, -3.7450

Trichromacy



Original Color

65.5450, -17.6520, 0.5240

Protanomaly

66.9480, -11.4170, 3.1670

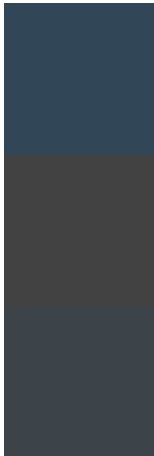
Deuteranomaly

66.8880, -11.1880, 4.5240

Tritanomaly

65.1490, -16.5970, -2.0770

Monochromacy



Original Color

65.5450, -17.6520, 0.5240

Achromatopsia

66.0000, -0.0000, -0.0000

Achromatomaly

65.5910, -6.0980, 0.3820

CSS Examples

Text

The CSS property to change the color of the text to YIQ 65.5450, -17.6520, 0.5240 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(49, 70, 86)` looks like.

```
.text, #text, p{  
    color:rgb(49, 70, 86)  
}
```

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(49, 70, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(49, 70, 86) }
```

Border

The CSS property to change the border of an element to YIQ 65.5450, -17.6520, 0.5240 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(49, 70, 86) }
```


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

```
.border{ border-color:rgb(49, 70, 86) }
```

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

Here you see how a box with a 4 pixel `rgb(49, 70, 86)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(49, 70, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(49, 70, 86);  
box-shadow:4px 4px 4px 4px rgb(49, 70, 86)  
}
```

Background

The CSS property to change the background color of an element to YIQ 65.5450, -17.6520, 0.5240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(49, 70, 86) }
```

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

```
.background{ background-color: rgb(49, 70,  
86) }
```

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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