

Converting Colors

YIQ(120.5510, -2.8760,
-69.0520)

Have a look what the booklet for
YIQ(120.5510, -2.8760, -69.0520)
contains.

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Color

**YIQ(120.5510, -2.8760,
-69.0520)**

Conversions

Conversions Part 1

Format	Color
Hex	4BA606
RGB	75, 166, 6
RGB Percent	29%, 65%, 2%
CMY	0.7062, 0.3489, 0.9763
CMYK	0.55, 0.00, 0.96, 0.35
HSL	94°, 93%, 34%
HSV	94°, 96%, 65%
XYZ	16.5715, 28.7920, 4.8571
YIQ	120.5510, -2.8760, -69.0520

Conversions

Conversions Part 2

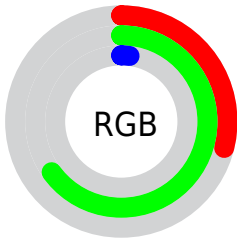
Format	Color
RYB	6, 166, 97
Decimal	4957702
CIELab	60.60, -50.84, 61.13
CIELCh	61, 79.509, 129.746
Yxy	28.7920, 0.3300, 0.5733
Android (android.graphics.Color)	4283147782 (0xFF4BA606)
YUV	120.5510, -56.4736, -39.9482
Hunter-Lab	53.6582, -38.7750, 32.1938

Details

The YIQ color **120.5510, -2.8760, -69.0520** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **51.4490, 2.8760, 69.0520**, and the grayscale version is **121.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **179.0440, -5.5820, -64.0620**, and **66.3310, -31.0750, -59.0990** is the 20% darker color. If you saturate the color by 10%, you get **118.6710, -3.3340, -71.7660**, and if you desaturate by 10%, it is **125.1800, -2.9690, -61.8570**.

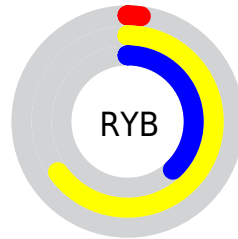
Distribution



Red (29%)

Green (65%)

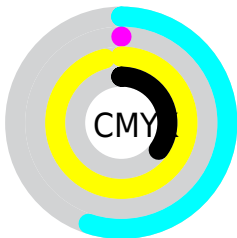
Blue (2%)



Red (2%)

Yellow (65%)

Blue (38%)

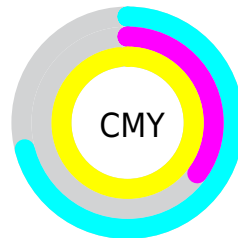


Cyan (55%)

Magenta (0%)

Yellow (96%)

Black (35%)



Cyan (71%)

Magenta (35%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 120.5510, -2.8760, -69.0520 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 120.5510, -2.8760, -69.0520 by changing the saturation by 10% instead.

■ 120.5510, -2.8760,
-69.0520

■ 120.5510, -2.8760,
-69.0520

■ 255.0000, -0.0000,
-0.0000

■ 94.1510, -13.1930,
-63.7930

■ 178.7450, -6.1780,
-64.2740

■ 66.3310, -31.0750,
-59.0990

■ 207.5170, -5.5360,
-64.8960

■ 51.6560, -24.2000,
-46.0240

■ 222.0270, 2.2560,
-51.9200

■ 36.9810, -17.3250,
-32.9490

■ 233.8900, 10.5520,
-37.0640

■ 24.0670, -11.2750,
-21.4430

■ 246.0520, 19.4440,
-21.9960

■ 2.3480, -1.1000,
-2.0920

■ 250.5540, 12.5190,

■ 0.0000, 0.0000,

-12.1290

0.0000

253.8600, 3.2100,
-3.1100

120.5510, -2.8760,
-69.0520

120.5510, -2.8760,
-69.0520

118.6710, -3.3340,
-71.7660

125.1800, -2.9690,
-61.8570

129.9940, -2.1450,
-54.7610

134.6230, -2.2380,
-47.5660

139.4370, -1.4140,
-40.4700

144.0660, -1.5070,
-33.2750

■ 148.9940, -1.0040,
-25.8680

■ 153.5090, -0.7760,
-18.9840

■ 158.4370, -0.2730,
-11.5770

■ 162.9520, -0.0450,
-4.6930

Harmonies

Analogous

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



134.3950, 51.1300, -45.5900



120.5510, -2.8760, -69.0520



112.8540, -78.0240, -61.7680

Triad

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



120.5510, -2.8760, -69.0520



127.0990, -127.7800, -8.0360



126.4160, 94.7590, 61.3430

Complementary

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



120.5510, -2.8760, -69.0520



51.4490, 2.8760, 69.0520

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.



140.7980, 61.9290, 72.6250



120.5510, -2.8760, -69.0520



115.3590, -122.2800, 2.4240

Square

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



120.5510, -2.8760, -69.0520



129.5150, -123.5600, -18.4400



149.4870, -9.4550, 55.7370



135.8010, 108.2910, 25.3390

Rectangle

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



120.5510, -2.8760, -69.0520



120.2010, -94.5780, -48.0980



149.4870, -9.4550, 55.7370



129.1520, 87.0550, 68.8070

Sweetspot

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



120.5510, -2.8760, -69.0520



199.0540, -1.2330, -27.2250



107.2570, 70.3350, -13.6730



98.9760, -0.5930, -16.7930



237.0000, -0.0000, -0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



120.5510, -2.8760, -69.0520



155.1860, -4.2470, -93.7750



101.1740, -47.5310, -80.2590



81.5930, -0.4120, -3.5480



106.0120, -2.5560, -63.8360



14.4310, -0.1360, -8.5520

Inverse Universe

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



51.4490, 2.8760, 69.0520



61.5150, 3.6510, 93.5630



70.8260, 47.5310, 80.2590



78.4070, 0.4120, 3.5480



41.9880, 2.5560, 63.8360



5.8680, 0.7320, 8.7640

Previews

White Background



This preview shows how the YIQ color 120.5510, -2.8760, -69.0520 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 120.5510, -2.8760, -69.0520 looks on a black 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 × Fail

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

YIQ 120.5510, -2.8760, -69.0520

Background



This preview shows how black text looks on a background with the YIQ color 120.5510, -2.8760, -69.0520.



This preview shows how white text looks on a background with the YIQ color 120.5510, -2.8760, -69.0520.

-69.0520.

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

120.5510, -2.8760, -69.0520

Protanopia

134.7380, 57.5940, -41.5900

Deuteranopia

139.7130, 59.8830, -22.4930



Tritanopia

139.0370, -36.9530, -7.6170

Trichromacy



Original Color

120.5510, -2.8760, -69.0520

Protanomaly

129.5070, 35.9550, -51.4130

Deuteranomaly

132.6680, 37.4200, -39.4120

Tritanomaly

131.9680, -24.4780, -29.9660

Monochromacy



Original Color

120.5510, -2.8760, -69.0520

Achromatopsia

121.0000, -0.0000, 0.0000

Achromatomaly

120.5210, -1.0500, -25.0340

CSS Examples

Text

The CSS property to change the color of the text to YIQ 120.5510, -2.8760, -69.0520 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(75, 166, 6)` looks like.

```
.text, #text, p{  
    color:rgb(75, 166, 6)  
}
```

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(75, 166, 6) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 166, 6) }
```

Border

The CSS property to change the border of an element to YIQ 120.5510, -2.8760, -69.0520 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(75, 166, 6) }
```


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

```
.border{ border-color:rgb(75, 166, 6) }
```

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

Here you see how a box with a 4 pixel rgb(75, 166, 6) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 166, 6); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 166, 6);  
box-shadow:4px 4px 4px 4px rgb(75, 166, 6)  
}
```

Background

The CSS property to change the background color of an element to YIQ 120.5510, -2.8760, -69.0520 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 166, 6) }
```

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

```
.background{ background-color: rgb(75, 166,  
6) }
```

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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