

Converting Colors

YIQ(114.4510, -12.0560,
-12.7920)

Have a look what the booklet for
YIQ(114.4510, -12.0560, -12.7920)
contains.

YIQ(114.4510, -12.0560, -12.7920)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(114.4510, -12.0560,
-12.7920)**

Conversions

Conversions Part 1

Format	Color
Hex	5F7E6A
RGB	95, 126, 106
RGB Percent	37%, 49%, 42%
CMY	0.6275, 0.5058, 0.5843
CMYK	0.25, 0.00, 0.16, 0.51
HSL	141°, 14%, 43%
HSV	141°, 25%, 49%
XYZ	14.7806, 18.3972, 16.4054
YIQ	114.4510, -12.0560, -12.7920

Conversions

Conversions Part 2

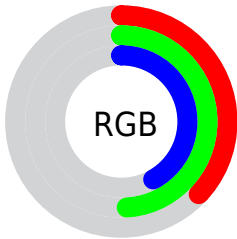
Format	Color
R_{YB}	95, 118, 126
Decimal	6258282
CIE _{Lab}	49.97, -15.49, 7.33
CIE _{LCh}	50, 17.139, 154.697
Yxy	18.3972, 0.2981, 0.3710
Android (android.graphics.Color)	4284448362 (0xFF5F7E6A)
YUV	114.4510, -4.1663, -17.0585
Hunter-Lab	42.8919, -13.5495, 7.3470

Details

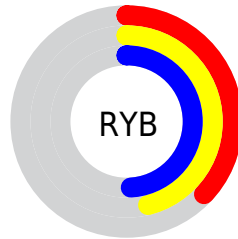
The YIQ color **114.4510, -12.0560, -12.7920** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **106.5490, 12.0560, 12.7920**, and the grayscale version is **115.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **166.6250, -12.6060, -13.8380**, and **66.2770, -11.5060, -11.7460** is the 20% darker color. If you saturate the color by 10%, you get **109.6520, -17.2360, -18.0360**, and if you desaturate by 10%, it is **119.2500, -6.8760, -7.5480**.

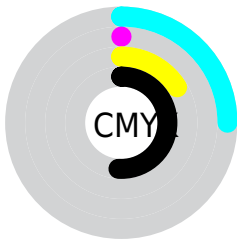
Distribution



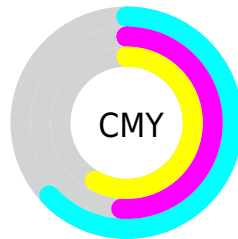
- Red (37%)
- Green (49%)
- Blue (42%)



- Red (37%)
- Yellow (46%)
- Blue (49%)



- Cyan (25%)
- Magenta (0%)
- Yellow (16%)
- Black (51%)



- Cyan (63%)
- Magenta (51%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 114.4510, -12.0560, -12.7920 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 114.4510, -12.0560, -12.7920 by changing the saturation by 10% instead.

■ 114.4510,
-12.0560, -12.7920

■ 114.4510,
-12.0560, -12.7920

■ 255.0000, -0.0000,
-0.0000

■ 89.8640, -11.7810,
-12.2690

■ 166.6250,
-12.6060, -13.8380

■ 66.2770, -11.5060,
-11.7460

■ 193.6250,
-12.6060, -13.8380

■ 43.6900, -11.2310,
-11.2230

■ 221.9130,
-13.4770, -14.5730

■ 22.0920, -12.4230,
-11.6470

■ 245.2170,
-11.2770, -10.3890

■ 0.0000, 0.0000,
0.0000

■ 114.4510,

■ 114.4510,

-12.0560, -12.7920

-12.0560, -12.7920

■ 109.6520,
-17.2360, -18.0360

■ 119.2500, -6.8760,
-7.5480

■ 105.1520,
-21.8200, -23.0680

■ 123.7500, -2.2920,
-2.5160

■ 100.3530,
-27.0000, -28.3120

■ 128.5490, 2.8880,
2.7280

■ 95.7390, -31.2630,
-33.6550

■ 133.1630, 7.1510,
8.0710

■ 90.9400, -36.4430,
-38.8990

■ 137.9620, 12.3310,
13.3150

■ 86.1410, -41.6230,
-44.1430

■ 142.7610, 17.5110,
18.5590

■ 81.6410, -46.2070,
-49.1750

■ 147.2610, 22.0950,
23.5910

■ 79.0920, -49.0950,
-51.9030

■ 152.0600, 27.2750,
28.8350

■ 156.5600, 31.8590,
33.8670

Harmonies

Analogous

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



116.2200, 1.8360, -11.2520



114.4510, -12.0560, -12.7920



112.8610, -24.8940, -11.4060

Triad

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



114.4510, -12.0560, -12.7920



118.1200, -17.6530, 6.0510



120.5640, 24.8950, 5.8790

Complementary

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



114.4510, -12.0560, -12.7920



106.5490, 12.0560, 12.7920

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.



120.9860, 20.9510, 11.2790



114.4510, -12.0560, -12.7920



120.2960, -3.3490, 11.1390

Square

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



114.4510, -12.0560, -12.7920



115.3310, -28.7930, -1.3130



121.4780, 10.8180, 13.2020



119.6790, 22.8330, -0.8070

Rectangle

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



114.4510, -12.0560, -12.7920



112.6910, -30.1670, -9.4550



121.4780, 10.8180, 13.2020



120.7320, 24.4820, 7.8580

Sweetspot

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



114.4510, -12.0560, -12.7920



158.9130, -4.3090, -4.5090



119.1770, 3.3950, -11.9730



79.3370, -2.5670, -3.0390



209.0000, 0.0000, 0.0000



82.0000, 0.0000, -0.0000

Same Dimension

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



114.4510, -12.0560, -12.7920



144.8150, -19.2530, -20.0290



116.1610, -16.8710, -8.1270



61.4510, -2.8880, -2.7280



80.2660, -49.6450, -52.9490



0.0000, 0.0000, 0.0000

Inverse Universe

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



106.5490, 12.0560, 12.7920



132.2990, 18.9320, 20.3400



104.8390, 16.8710, 8.1270



59.5490, 2.8880, 2.7280



47.6200, 49.9660, 52.6380



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YIQ color 114.4510, -12.0560, -12.7920 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 114.4510, -12.0560, -12.7920 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 114.4510, -12.0560, -12.7920 Background



This preview shows how black text looks on a background with the YIQ color 114.4510, -12.0560, -12.7920.



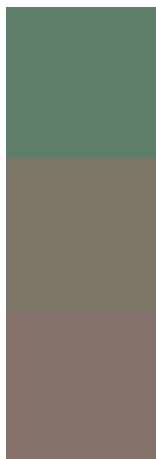
This preview shows how white text looks on a background with the YIQ color 114.4510, -12.0560, -12.7920.

-12.7920.

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

114.4510, -12.0560, -12.7920

Protanopia

117.9700, 8.7120, -3.7040

Deuteranopia

119.2960, 13.8460, 2.3740



Tritanopia

116.5620, -16.3220, -1.5540

Trichromacy



Original Color

114.4510, -12.0560, -12.7920

Protanomaly

116.5560, 1.0100, -7.2940

Deuteranomaly

117.3440, 4.7230, -2.9970

Tritanomaly

115.5250, -14.9000, -5.3000

Monochromacy



Original Color

114.4510, -12.0560, -12.7920

Achromatopsia

114.0000, 0.0000, 0.0000

Achromatomaly

113.9130, -4.3090, -4.5090

CSS Examples

Text

The CSS property to change the color of the text to YIQ 114.4510, -12.0560, -12.7920 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(95, 126, 106)` looks like.

```
.text, #text, p{  
    color:rgb(95, 126, 106)  
}
```

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(95, 126, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 126, 106) }
```

Border

The CSS property to change the border of an element to YIQ 114.4510, -12.0560, -12.7920 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(95, 126, 106) }
```


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

```
.border{ border-color:rgb(95, 126, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 126, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 126, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 126, 106);  
box-shadow:4px 4px 4px 4px rgb(95, 126,  
106) }
```

Background

The CSS property to change the background color of an element to YIQ 114.4510, -12.0560, -12.7920 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 126, 106) }
```

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

```
.background{ background-color: rgb(95, 126,  
106) }
```

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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