

Converting Colors

YIQ(95.1210, 6.9690, 0.3530)

Have a look what the booklet for
YIQ(95.1210, 6.9690, 0.3530)
contains.

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Color

YIQ(95.1210, 6.9690, 0.3530)

Conversions

Conversions Part 1

Format	Color
Hex	665D58
RGB	102, 93, 88
RGB Percent	40%, 36%, 35%
CMY	0.6000, 0.6353, 0.6549
CMYK	0.00, 0.09, 0.14, 0.60
HSL	21°, 7%, 37%
HSV	21°, 14%, 40%
XYZ	11.1558, 11.3578, 10.8386
YIQ	95.1210, 6.9690, 0.3530

Conversions

Conversions Part 2

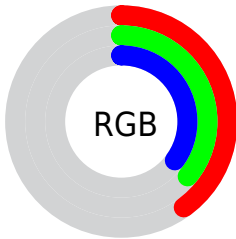
Format	Color
R_{YB}	102, 96, 88
Decimal	6708568
CIE _{Lab}	40.18, 2.67, 4.17
CIE _{LCh}	40, 4.946, 57.380
Yxy	11.3578, 0.3345, 0.3405
Android (android.graphics.Color)	4284898648 (0xFF665D58)
YUV	95.1210, -3.5107, 4.0329
Hunter-Lab	33.7013, 0.1097, 4.5229

Details

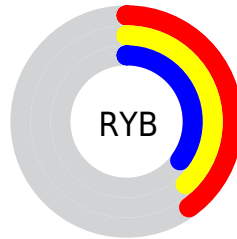
The YIQ color **95.1210, 6.9690, 0.3530** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **94.8790, -6.9690, -0.3530**, and the grayscale version is **95.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **145.4200, 7.5650, 0.5650**, and **48.9360, 6.0520, 0.4520** is the 20% darker color. If you saturate the color by 10%, you get **89.8720, 12.1040, 0.9040**, and if you desaturate by 10%, it is **100.3700, 1.8340, -0.1980**.

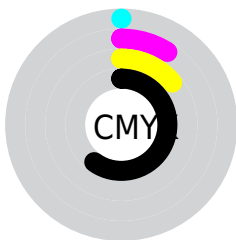
Distribution



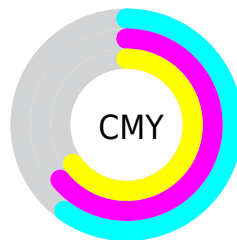
- Red (40%)
- Green (36%)
- Blue (35%)



- Red (40%)
- Yellow (38%)
- Blue (35%)



- Cyan (0%)
- Magenta (9%)
- Yellow (14%)
- Black (60%)



- Cyan (60%)
- Magenta (64%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 95.1210, 6.9690, 0.3530 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 95.1210, 6.9690, 0.3530 by changing the saturation by 10% instead.

■ 95.1210, 6.9690,
0.3530

■ 95.1210, 6.9690,
0.3530

■ 255.0000, -0.0000,
-0.0000

■ 71.2350, 6.6480,
0.6640

■ 145.4200, 7.5650,
0.5650

■ 48.9360, 6.0520,
0.4520

■ 172.3060, 7.8860,
0.2540

■ 27.9360, 6.0520,
0.4520

■ 199.3060, 7.8860,
0.2540

■ 2.3920, 4.7680,
1.6960

■ 227.6050, 8.4820,
0.4660

■ 0.0000, 0.0000,
0.0000

■ 253.6150, 2.5220,
-1.6540

■ 95.1210, 6.9690,
0.3530

■ 95.1210, 6.9690,
0.3530

■ 89.8720, 12.1040,
0.9040

■ 100.3700, 1.8340,
-0.1980

■ 85.2100, 16.9640,
0.9320

■ 105.0320, -3.0260,
-0.2260

■ 79.8470, 22.4200,
1.1720

■ 110.3950, -8.4820,
-0.4660

■ 75.1850, 27.2800,
1.2000

■ 115.0570,
-13.3420, -0.4940

■ 69.9360, 32.4150,
1.7510

■ 120.3060,
-18.4770, -1.0450

■ 65.2740, 37.2750,
1.7790

■ 124.9680,
-23.3370, -1.0730

■ 60.0250, 42.4100,
2.3300

■ 130.2170,
-28.4720, -1.6240

■ 54.6620, 47.8660,

■ 135.5800,

2.5700

-33.9280, -1.8640

■ 51.6300, 50.8920,
2.7960

■ 140.2420,
-38.7880, -1.8920

Harmonies

Analogous

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



95.4740, 7.4730, 2.2330



95.1210, 6.9690, 0.3530



94.6970, 5.2270, -1.1170

Triad

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



95.1210, 6.9690, 0.3530



93.3690, -5.5930, -3.2650



95.2110, -1.9720, 2.7000

Complementary

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



95.1210, 6.9690, 0.3530



94.8790, -6.9690, -0.3530

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.



94.4170, -5.5480, 1.4280



95.1210, 6.9690, 0.3530



93.5260, -7.4730, -2.2330

Square

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



95.1210, 6.9690, 0.3530



93.8100, -2.5210, -3.8730



93.5800, -7.5650, -0.5650



95.7770, 2.2460, 3.3500

Rectangle

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



95.1210, 6.9690, 0.3530



94.3870, 3.1640, -2.2760



93.5800, -7.5650, -0.5650



94.6130, -3.1640, 2.2760

Sweetspot

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



95.1210, 6.9690, 0.3530



129.9680, 3.0260, 0.2260



93.2120, 5.4550, 5.7670



64.4840, 1.5130, 0.1130



194.0000, -0.0000, 0.0000



66.0000, -0.0000, -0.0000

Same Dimension

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



95.1210, 6.9690, 0.3530



122.2740, 10.9120, 0.4800



99.2300, 5.0440, -3.3080



48.6690, 2.4300, 0.0140



58.4520, 57.2650, 2.9370



122.8400, 120.5820, 6.3260

Inverse Universe

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



94.8790, -6.9690, -0.3530



121.7260, -10.9120, -0.4800



90.7700, -5.0440, 3.3080



48.3310, -2.4300, -0.0140



56.5480, -57.2650, -2.9370



119.1600, -120.5820, -6.3260

Previews

White Background



This preview shows how the YIQ color 95.1210, 6.9690, 0.3530 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 × Fail

Black Background



This preview shows how the YIQ color 95.1210, 6.9690, 0.3530 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

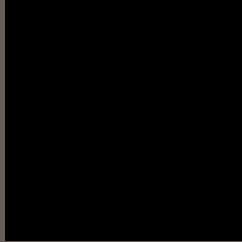
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 95.1210, 6.9690, 0.3530

Background



This preview shows how black text looks on a background with the YIQ color 95.1210, 6.9690, 0.3530.



This preview shows how white text looks on a background with the YIQ color 95.1210, 6.9690, 0.3530.

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

95.1210, 6.9690, 0.3530

Protanopia

94.6260, 3.9890, -0.7070

Deuteranopia

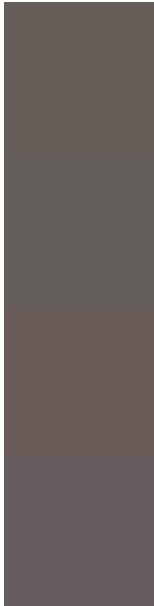
95.1430, 9.9030, 2.2470



Tritanopia

95.5000, 4.5840, 5.0320

Trichromacy



Original Color

95.1210, 6.9690, 0.3530

Protanomaly

94.9250, 4.5850, -0.4950

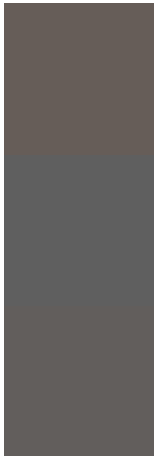
Deuteranomaly

95.4310, 9.0320, 1.5120

Tritanomaly

95.6310, 5.5930, 3.2650

Monochromacy



Original Color

95.1210, 6.9690, 0.3530

Achromatopsia

95.0000, -0.0000, -0.0000

Achromatomaly

94.9680, 3.0260, 0.2260

CSS Examples

Text

The CSS property to change the color of the text to YIQ 95.1210, 6.9690, 0.3530 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(102, 93, 88)` looks like.

```
.text, #text, p{  
    color:rgb(102, 93, 88)  
}
```

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(102, 93, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 93, 88) }
```

Border

The CSS property to change the border of an element to YIQ 95.1210, 6.9690, 0.3530 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(102, 93, 88) }
```

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

```
.border{ border-color:rgb(102, 93, 88) }
```

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

Here you see how a box with a 4 pixel `rgb(102, 93, 88)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 93, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 93, 88);  
box-shadow:4px 4px 4px 4px rgb(102, 93,  
88) }
```


Background

The CSS property to change the background color of an element to YIQ 95.1210, 6.9690, 0.3530 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 93, 88) }
```

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

```
.background{ background-color: rgb(102, 93,  
88) }
```

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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