

Converting Colors

YIQ(95.1190, 1.2830, 4.2830)

Have a look what the booklet for
YIQ(95.1190, 1.2830, 4.2830)
contains.

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Color

YIQ(95.1190, 1.2830, 4.2830)

Conversions

Conversions Part 1

Format	Color
Hex	635C65
RGB	99, 92, 101
RGB Percent	39%, 36%, 40%
CMY	0.6117, 0.6392, 0.6039
CMYK	0.02, 0.09, 0.00, 0.60
HSL	287°, 5%, 38%
HSV	287°, 9%, 40%
XYZ	11.3220, 11.2463, 13.8858
YIQ	95.1190, 1.2830, 4.2830

Conversions

Conversions Part 2

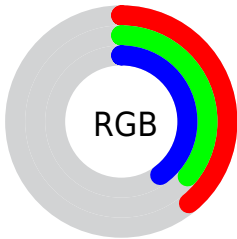
Format	Color
R_{YB}	99, 92, 101
Decimal	6511717
CIE _{Lab}	39.99, 4.67, -4.13
CIE _{LCh}	40, 6.236, 318.507
Yxy	11.2463, 0.3106, 0.3085
Android (android.graphics.Color)	4284701797 (0xFF635C65)
YUV	95.1190, 2.8993, 3.4036
Hunter-Lab	33.5356, 1.5767, -1.0749

Details

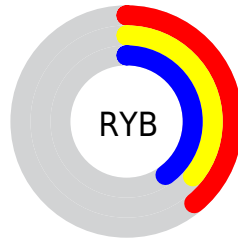
The YIQ color **95.1190, 1.2830, 4.2830** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **97.8810, -1.2830, -4.2830**, and the grayscale version is **95.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **145.5320, 1.5580, 4.8060**, and **49.0050, 1.6040, 3.9720** is the 20% darker color. If you saturate the color by 10%, you get **88.6510, 2.8410, 9.0890**, and if you desaturate by 10%, it is **101.5870, -0.2750, -0.5230**.

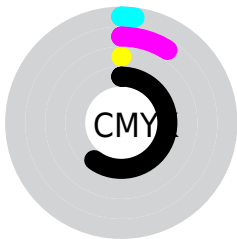
Distribution



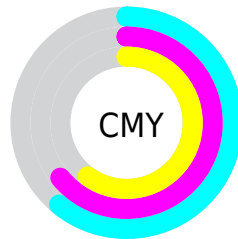
- Red (39%)
- Green (36%)
- Blue (40%)



- Red (39%)
- Yellow (36%)
- Blue (40%)



- Cyan (2%)
- Magenta (9%)
- Yellow (0%)
- Black (60%)



- Cyan (61%)
- Magenta (64%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 95.1190, 1.2830, 4.2830 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 95.1190, 1.2830, 4.2830 by changing the saturation by 10% instead.

■ 95.1190, 1.2830,
4.2830

■ 95.1190, 1.2830,
4.2830

■ 255.0000, -0.0000,
-0.0000

■ 71.1190, 1.2830,
4.2830

■ 145.5320, 1.5580,
4.8060

■ 49.0050, 1.6040,
3.9720

■ 172.2330, 0.9620,
4.5940

■ 28.2930, 0.7330,
3.2370

■ 199.5320, 1.5580,
4.8060

■ 3.2330, 0.9620,
4.5940

■ 227.5320, 1.5580,
4.8060

■ 0.0000, 0.0000,
0.0000

■ 253.2390, 0.8250,
1.5690

■ 95.1190, 1.2830,
4.2830

■ 95.1190, 1.2830,
4.2830

■ 88.6510, 2.8410,
9.0890

■ 101.5870, -0.2750,
-0.5230

■ 82.1830, 4.3990,
13.8950

■ 108.0550, -1.8330,
-5.3290

■ 75.4160, 5.3610,
18.4890

■ 114.8220, -2.7950,
-9.9230

■ 68.9480, 6.9190,
23.2950

■ 121.2900, -4.3530,
-14.7290

■ 61.8930, 8.7520,
28.6240

■ 127.7580, -5.9110,
-19.5350

■ 55.4250, 10.3100,
33.4300

■ 134.8130, -7.7440,
-24.8640

■ 48.6580, 11.2720,
38.0240

■ 141.5800, -8.7060,
-29.4580

■ 42.1900, 12.8300,

■ 148.0480,

42.8300

-10.2640, -34.2640

■ 35.7220, 14.3880,
47.6360

■ 154.5160,
-11.8220, -39.0700

Harmonies

Analogous

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



94.8410, -3.8060, 2.8980



95.1190, 1.2830, 4.2830



95.4570, 6.1430, 4.3110

Triad

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



95.1190, 1.2830, 4.2830



94.0670, 7.0610, -1.3150



92.5150, -8.9400, -3.1800

Complementary

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



95.1190, 1.2830, 4.2830



97.8810, -1.2830, -4.2830

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.



92.5430, -6.1430, -4.3110



95.1190, 1.2830, 4.2830



93.8600, 3.2100, -3.1100

Square

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



95.1190, 1.2830, 4.2830



95.0180, 8.7570, 0.9890



92.8810, -1.2830, -4.2830



93.3840, -9.9490, -1.4130

Rectangle

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



95.1190, 1.2830, 4.2830



95.4140, 7.7020, 3.5900



92.8810, -1.2830, -4.2830



92.4010, -8.6190, -3.4910

Sweetspot

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



95.1190, 1.2830, 4.2830



127.3530, 0.5040, 1.8800



94.2000, -3.4390, 1.7530



64.8260, 0.5500, 1.0460



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.



95.1190, 1.2830, 4.2830



120.8850, 2.0620, 6.6860



95.4890, 3.1170, 4.0850



47.7660, 0.7790, 2.4030



39.7210, 16.1290, 54.6330



84.0990, 34.9620, 115.3300

Inverse Universe

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



94.9190, 4.7220, 2.5300



120.5280, 7.3810, 3.9010



97.5110, -3.1170, -4.0850



47.6090, 2.6590, 1.3710



37.2350, 60.5150, 32.1550



78.5140, 126.8980, 68.0980

Previews

White Background



This preview shows how the YIQ color 95.1190, 1.2830, 4.2830 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 95.1190, 1.2830, 4.2830 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

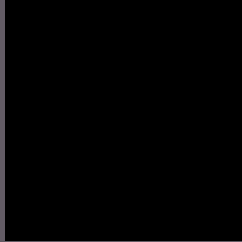
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 95.1190, 1.2830, 4.2830

Background



This preview shows how black text looks on a background with the YIQ color 95.1190, 1.2830, 4.2830.



This preview shows how white text looks on a background with the YIQ color 95.1190, 1.2830, 4.2830.

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

95.1190, 1.2830, 4.2830

Protanopia

94.9120, -2.5680, 2.4880

Deuteranopia

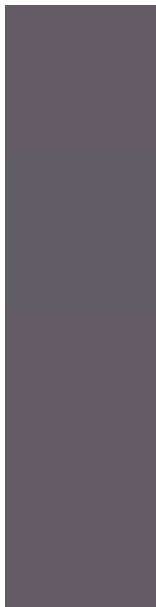
95.4180, 1.8790, 4.4950



Tritanopia

95.0050, 1.6040, 3.9720

Trichromacy



Original Color

95.1190, 1.2830, 4.2830

Protanomaly

94.9230, -1.1010, 3.4350

Deuteranomaly

95.4180, 1.8790, 4.4950

Tritanomaly

95.0050, 1.6040, 3.9720

Monochromacy



Original Color

95.1190, 1.2830, 4.2830

Achromatopsia

95.0000, -0.0000, -0.0000

Achromatomaly

94.9400, 0.2290, 1.3570

CSS Examples

Text

The CSS property to change the color of the text to YIQ 95.1190, 1.2830, 4.2830 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(99, 92, 101)` looks like.

```
.text, #text, p{  
    color:rgb(99, 92, 101)  
}
```

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(99, 92, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 92, 101) }
```

Border

The CSS property to change the border of an element to YIQ 95.1190, 1.2830, 4.2830 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(99, 92, 101) }
```

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

```
.border{ border-color:rgb(99, 92, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 92, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 92, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 92, 101);  
box-shadow:4px 4px 4px 4px rgb(99, 92,  
101) }
```


Background

The CSS property to change the background color of an element to YIQ 95.1190, 1.2830, 4.2830 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 92, 101) }
```

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

```
.background{ background-color: rgb(99, 92,  
101) }
```

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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