

Converting Colors

YIQ(95.6440, 12.7460, 0.2820)

Have a look what the booklet for
YIQ(95.6440, 12.7460, 0.2820)
contains.

YIQ(95.6440, 12.7460, 0.2820)	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(95.6440, 12.7460,
0.2820)**

Conversions

Conversions Part 1

Format	Color
Hex	6C5C52
RGB	108, 92, 82
RGB Percent	42%, 36%, 32%
CMY	0.5764, 0.6392, 0.6784
CMYK	0.00, 0.15, 0.24, 0.58
HSL	23°, 14%, 37%
HSV	23°, 24%, 42%
XYZ	11.5354, 11.4512, 9.5879
YIQ	95.6440, 12.7460, 0.2820

Conversions

Conversions Part 2

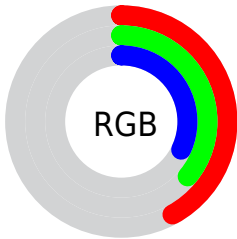
Format	Color
R _Y B	108, 98, 82
Decimal	7101522
CIE Lab	40.33, 4.75, 8.14
CIE LCh	40, 9.427, 59.740
Yxy	11.4512, 0.3541, 0.3515
Android (android.graphics.Color)	4285291602 (0xFF6C5C52)
YUV	95.6440, -6.7265, 10.8362
Hunter-Lab	33.8396, 1.6288, 6.8888

Details

The YIQ color **95.6440, 12.7460, 0.2820** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **94.3560, -12.7460, -0.2820**, and the grayscale version is **96.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **146.1280, 14.2590, 0.3950**, and **49.1600, 11.2330, 0.1690** is the 20% darker color. If you saturate the color by 10%, you get **90.2810, 18.2020, 0.5220**, and if you desaturate by 10%, it is **101.0070, 7.2900, 0.0420**.

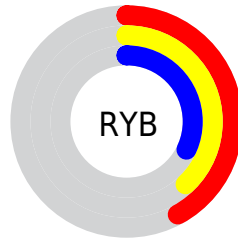
Distribution



 Red (42%)

 Green (36%)

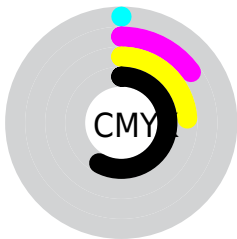
 Blue (32%)



 Red (42%)

 Yellow (38%)

 Blue (32%)

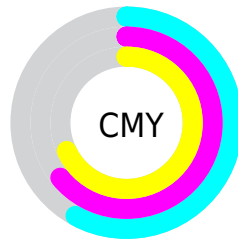



 Cyan (0%)


 Magenta (15%)

 Yellow (24%)

 Black (58%)



 Cyan (58%)

 Magenta (64%)

 Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 95.6440, 12.7460, 0.2820 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 95.6440, 12.7460, 0.2820 by changing the saturation by 10% instead.

■ 95.6440, 12.7460,
0.2820

■ 95.6440, 12.7460,
0.2820

■ 255.0000, -0.0000,
-0.0000

■ 71.7580, 12.4250,
0.5930

■ 146.1280, 14.2590,
0.3950

■ 49.1600, 11.2330,
0.1690

■ 173.0140, 14.5800,
0.0840

■ 28.5620, 10.0410,
-0.2550

■ 200.3130, 15.1760,
0.2960

■ 4.1860, 8.3440,
2.9680

■ 228.3130, 15.1760,
0.2960

■ 0.0000, 0.0000,
0.0000

■ 251.5290, 5.6400,
-3.0960

■ 95.6440, 12.7460,
0.2820

■ 95.6440, 12.7460,
0.2820

■ 90.2810, 18.2020,
0.5220

■ 101.0070, 7.2900,
0.0420

■ 85.5050, 23.3830,
0.2390

■ 105.7830, 2.1090,
0.3250

■ 80.2560, 28.5180,
0.7900

■ 111.0320, -3.0260,
-0.2260

■ 74.8930, 33.9740,
1.0300

■ 116.3950, -8.4820,
-0.4660

■ 70.1170, 39.1550,
0.7470

■ 121.1710,
-13.6630, -0.1830

■ 64.7540, 44.6110,
0.9870

■ 126.5340,
-19.1190, -0.4230

■ 59.3910, 50.0670,
1.2270

■ 131.8970,
-24.5750, -0.6630

■ 56.3590, 53.0930,

■ 136.5590,

1.4530

-29.4350, -0.6910

■ 141.9220,
-34.8910, -0.9310

Harmonies

Analogous

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



96.0510, 13.1580, 3.8300



95.6440, 12.7460, 0.2820



94.4970, 8.6660, -2.8700

Triad

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



95.6440, 12.7460, 0.2820



92.5530, -12.1030, -6.4310



95.6070, -3.0270, 5.3010

Complementary

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



95.6440, 12.7460, 0.2820



94.3560, -12.7460, -0.2820

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.



94.9050, -9.8580, 2.4460



95.6440, 12.7460, 0.2820



92.1660, -15.2670, -4.1550

Square

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



95.6440, 12.7460, 0.2820



93.1470, -5.0880, -6.9120



93.4590, -14.5340, -0.9180



96.5540, 4.4920, 6.7000

Rectangle

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



95.6440, 12.7460, 0.2820



94.2900, 4.8150, -4.6650



93.4590, -14.5340, -0.9180



95.4110, -5.4110, 4.4530

Sweetspot

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



95.6440, 12.7460, 0.2820



135.3380, 4.8600, 0.0280



91.5980, 10.3600, 10.4880



68.6690, 2.4300, 0.0140



199.0000, -0.0000, 0.0000



71.0000, -0.0000, -0.0000

Same Dimension

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



95.6440, 12.7460, 0.2820



120.7650, 19.7150, 0.6350



103.2750, 9.1710, -6.5170



50.9680, 3.0260, 0.2260



61.3980, 57.3570, 1.2690



128.4330, 120.1700, 2.7780

Inverse Universe

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



94.3560, -12.7460, -0.2820



119.2350, -19.7150, -0.6350



86.7250, -9.1710, 6.5170



50.4450, -2.7510, 0.2970



55.6020, -57.3570, -1.2690



116.5670, -120.1700, -2.7780

Previews

White Background



This preview shows how the YIQ color 95.6440, 12.7460, 0.2820 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 95.6440, 12.7460, 0.2820 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

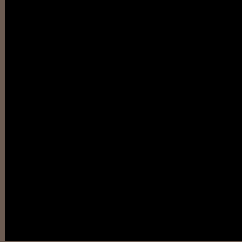
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 95.6440, 12.7460, 0.2820

Background



This preview shows how black text looks on a background with the YIQ color 95.6440, 12.7460, 0.2820.



This preview shows how white text looks on a background with the YIQ color 95.6440, 12.7460,

0.2820.

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

95.6440, 12.7460, 0.2820

Protanopia

95.1270, 6.8320, -2.6720

Deuteranopia

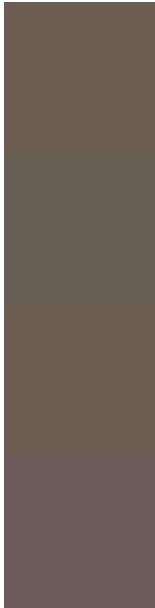
95.9430, 13.3420, 0.4940



Tritanopia

96.7780, 9.6730, 6.4170

Trichromacy



Original Color

95.6440, 12.7460, 0.2820

Protanomaly

95.4370, 8.8950, -1.5130

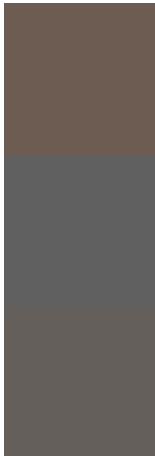
Deuteranomaly

95.9430, 13.3420, 0.4940

Tritanomaly

96.4960, 10.4070, 4.1270

Monochromacy



Original Color

95.6440, 12.7460, 0.2820

Achromatopsia

96.0000, -0.0000, 0.0000

Achromatomaly

96.0390, 4.2640, -0.1840

CSS Examples

Text

The CSS property to change the color of the text to YIQ 95.6440, 12.7460, 0.2820 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(108, 92, 82)` looks like.

```
.text, #text, p{  
    color:rgb(108, 92, 82)  
}
```

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(108, 92, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 92, 82) }
```

Border

The CSS property to change the border of an element to YIQ 95.6440, 12.7460, 0.2820 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(108, 92, 82) }
```


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

```
.border{ border-color:rgb(108, 92, 82) }
```

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

Here you see how a box with a 4 pixel rgb(108, 92, 82) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 92, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 92, 82);  
box-shadow:4px 4px 4px 4px rgb(108, 92,  
82) }
```

Background

The CSS property to change the background color of an element to YIQ 95.6440, 12.7460, 0.2820 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 92, 82) }
```

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

```
.background{ background-color: rgb(108, 92,  
82) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor