

Converting Colors

YIQ(93.6220, 9.8120, -1.6120)

Have a look what the booklet for
YIQ(93.6220, 9.8120, -1.6120)
contains.

YIQ(93.6220, 9.8120, -1.6120)	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(93.6220, 9.8120,
-1.6120)**

Conversions

Conversions Part 1

Format	Color
Hex	665C50
RGB	102, 92, 80
RGB Percent	40%, 36%, 31%
CMY	0.6000, 0.6392, 0.6862
CMYK	0.00, 0.10, 0.22, 0.60
HSL	33°, 12%, 36%
HSV	33°, 22%, 40%
XYZ	10.7552, 11.0580, 9.1593
YIQ	93.6220, 9.8120, -1.6120

Conversions

Conversions Part 2

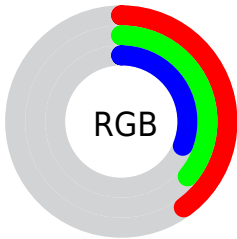
Format	Color
RYB	98, 102, 80
Decimal	6708304
CIELab	39.68, 1.85, 8.36
CIElCh	40, 8.566, 77.529
Yxy	11.0580, 0.3472, 0.3570
Android (android.graphics.Color)	4284898384 (0xFF665C50)
YUV	93.6220, -6.7156, 7.3475
Hunter-Lab	33.2535, -0.4615, 6.9466

Details

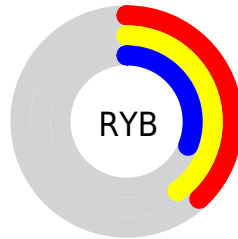
The YIQ color **93.6220, 9.8120, -1.6120** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **88.3780, -9.8120, 1.6120**, and the grayscale version is **94.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **143.8070, 10.7290, -1.7110**, and **47.5510, 8.5740, -1.2020** is the 20% darker color. If you saturate the color by 10%, you get **89.5470, 14.3970, -2.1070**, and if you desaturate by 10%, it is **97.6970, 5.2270, -1.1170**.

Distribution



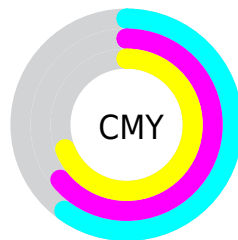
- Red (40%)
- Green (36%)
- Blue (31%)



- Red (38%)
- Yellow (40%)
- Blue (31%)



- Cyan (0%)
- Magenta (10%)
- Yellow (22%)
- Black (60%)



- Cyan (60%)
- Magenta (64%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 93.6220, 9.8120, -1.6120 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 93.6220, 9.8120, -1.6120 by changing the saturation by 10% instead.

■ 93.6220, 9.8120,
-1.6120

■ 93.6220, 9.8120,
-1.6120

■ 255.0000, -0.0000,
-0.0000

■ 70.3230, 9.2160,
-1.8240

■ 143.8070, 10.7290,
-1.7110

■ 47.5510, 8.5740,
-1.2020

■ 170.6930, 11.0500,
-2.0220

■ 26.7250, 8.0240,
-2.2480

■ 197.9920, 11.6460,
-1.8100

■ 0.2990, 0.5960,
0.2120

■ 225.9920, 11.6460,
-1.8100

■ 0.0000, 0.0000,
0.0000

■ 251.3010, 6.2820,
-3.7180

■ 93.6220, 9.8120,
-1.6120

■ 93.6220, 9.8120,
-1.6120

■ 89.5470, 14.3970,
-2.1070

■ 97.6970, 5.2270,
-1.1170

■ 86.0590, 18.7070,
-3.1250

■ 101.1850, 0.9170,
-0.0990

■ 81.8700, 23.6130,
-3.9310

■ 105.3740, -3.9890,
0.7070

■ 77.7950, 28.1980,
-4.4260

■ 109.4490, -8.5740,
1.2020

■ 74.3070, 32.5080,
-5.4440

■ 112.9370,
-12.8840, 2.2200

■ 70.2320, 37.0930,
-5.9390

■ 117.0120,
-17.4690, 2.7150

■ 66.7440, 41.4030,
-6.9570

■ 120.5000,
-21.7790, 3.7330

■ 63.3700, 45.3920,

■ 124.6890,

-7.6640

-26.6850, 4.5390

■ 128.7640,
-31.2700, 5.0340

Harmonies

Analogous

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



94.2850, 12.3790, 1.4270



93.6220, 9.8120, -1.6120



92.7030, 5.0900, -4.1420

Triad

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



93.6220, 9.8120, -1.6120



91.3080, -12.7910, -4.9750



94.4720, 1.7870, 6.1630

Complementary

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



93.6220, 9.8120, -1.6120



88.3780, -9.8120, 1.6120

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.



93.9980, -5.6860, 3.9300



93.6220, 9.8120, -1.6120



91.7040, -13.8460, -2.3740

Square

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



93.6220, 9.8120, -1.6120



91.1190, -7.8850, -5.7810



92.7800, -11.0040, 1.1880



94.9950, 7.5640, 6.0920

Rectangle

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



93.6220, 9.8120, -1.6120



92.3110, 0.3220, -5.8380



92.7800, -11.0040, 1.1880



94.3900, -0.9180, 5.6260

Sweetspot

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



93.6220, 9.8120, -1.6120



129.7400, 3.6680, -0.3960



87.7180, 9.9020, 7.7740



64.3700, 1.8340, -0.1980



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.



93.6220, 9.8120, -1.6120



119.6180, 15.6350, -2.5170



99.1930, 6.4660, -7.0540



49.2560, 2.1550, -0.5090



71.3660, 51.2150, -8.5690



149.8420, 107.9320, -17.7320

Inverse Universe

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



88.3780, -9.8120, 1.6120



111.3820, -15.6350, 2.5170



82.8070, -6.4660, 7.0540



47.7440, -2.1550, 0.5090



43.6340, -51.2150, 8.5690



92.1580, -107.9320, 17.7320

Previews

White Background



This preview shows how the YIQ color 93.6220, 9.8120, -1.6120 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 93.6220, 9.8120, -1.6120 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

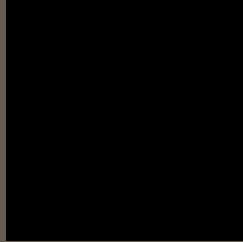
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 93.6220, 9.8120, -1.6120

Background



This preview shows how black text looks on a background with the YIQ color 93.6220, 9.8120, -1.6120.



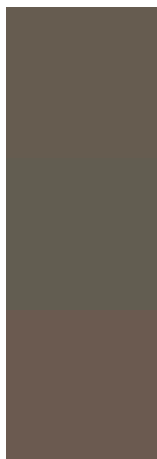
This preview shows how white text looks on a background with the YIQ color 93.6220, 9.8120,

-1.6120.

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

93.6220, 9.8120, -1.6120

Protanopia

93.1270, 6.8320, -2.6720

Deuteranopia

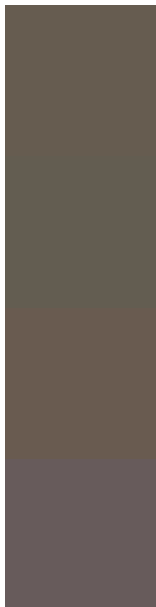
93.9430, 13.3420, 0.4940



Tritanopia

94.9840, 6.0970, 5.1450

Trichromacy



Original Color

93.6220, 9.8120, -1.6120

Protanomaly

93.4260, 7.4280, -2.4600

Deuteranomaly

93.9320, 11.8750, -0.4530

Tritanomaly

94.5880, 7.1520, 2.5440

Monochromacy



Original Color

93.6220, 9.8120, -1.6120

Achromatopsia

94.0000, 0.0000, 0.0000

Achromatomaly

93.7400, 3.6680, -0.3960

CSS Examples

Text

The CSS property to change the color of the text to YIQ 93.6220, 9.8120, -1.6120 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, 92, 80)` looks like.

```
.text, #text, p{  
    color:rgb(102, 92, 80)  
}
```

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, 92, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 92, 80) }
```

Border

The CSS property to change the border of an element to YIQ 93.6220, 9.8120, -1.6120 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, 92, 80) }
```


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

```
.border{ border-color:rgb(102, 92, 80) }
```

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

Here you see how a box with a 4 pixel `rgb(102, 92, 80)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 92, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 92, 80);  
box-shadow:4px 4px 4px 4px rgb(102, 92,  
80) }
```

Background

The CSS property to change the background color of an element to YIQ 93.6220, 9.8120, -1.6120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 92, 80) }
```

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

```
.background{ background-color: rgb(102, 92,  
80) }
```

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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