

Converting Colors

YIQ(93.9930, 11.0460, 20.0860)

Have a look what the booklet for
YIQ(93.9930, 11.0460, 20.0860)
contains.

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Color

**YIQ(93.9930, 11.0460,
20.0860)**

Conversions

Conversions Part 1

Format	Color
Hex	754E74
RGB	117, 78, 116
RGB Percent	46%, 31%, 45%
CMY	0.5411, 0.6942, 0.5451
CMYK	0.00, 0.33, 0.01, 0.54
HSL	302°, 20%, 38%
HSV	302°, 33%, 46%
XYZ	13.2159, 10.4915, 17.8526
YIQ	93.9930, 11.0460, 20.0860

Conversions

Conversions Part 2

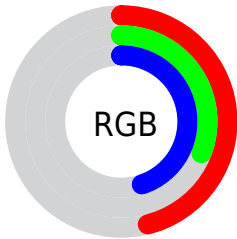
Format	Color
R_{YB}	117, 78, 116
Decimal	7687796
CIE _{Lab}	38.71, 23.21, -15.14
CIE _{LCh}	39, 27.712, 326.892
Yxy	10.4915, 0.3180, 0.2524
Android (android.graphics.Color)	4285877876 (0xFF754E74)
YUV	93.9930, 10.8495, 20.1771
Hunter-Lab	32.3905, 16.1479, -10.0054

Details

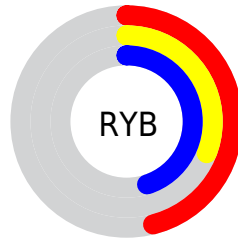
The YIQ color **93.9930, 11.0460, 20.0860** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **101.0070, -11.0460, -20.0860**, and the grayscale version is **94.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **145.1180, 12.1920, 21.3440**, and **46.8680, 9.9000, 18.8280** is the 20% darker color. If you saturate the color by 10%, you get **86.9490, 14.3460, 26.3620**, and if you desaturate by 10%, it is **101.0370, 7.7460, 13.8100**.

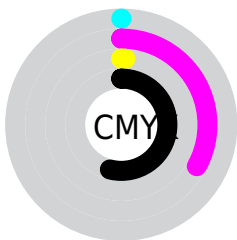
Distribution



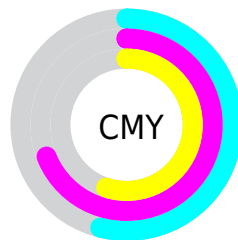
- Red (46%)
- Green (31%)
- Blue (45%)



- Red (46%)
- Yellow (31%)
- Blue (45%)



- Cyan (0%)
- Magenta (33%)
- Yellow (1%)
- Black (54%)



- Cyan (54%)
- Magenta (69%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 93.9930, 11.0460, 20.0860 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 93.9930, 11.0460, 20.0860 by changing the saturation by 10% instead.

93.9930, 11.0460,
20.0860

93.9930, 11.0460,
20.0860

255.0000, -0.0000,
-0.0000

70.1670, 10.4960,
19.0400

145.1180, 12.1920,
21.3440

46.8680, 9.9000,
18.8280

171.5310, 12.4670,
21.8670

24.4550, 9.6250,
18.3050

199.2430, 13.3380,
22.6020

10.3250, 6.8750,
13.0750

227.3570, 13.0170,
22.9130

0.0000, 0.0000,
0.0000

244.4340, 4.9500,
9.4140

93.9930, 11.0460,
20.0860

93.9930, 11.0460,
20.0860

86.9490, 14.3460,
26.3620

101.0370, 7.7460,
13.8100

80.3780, 17.6920,
31.8040

107.6080, 4.4000,
8.3680

73.3340, 20.9920,
38.0800

114.6520, 1.1000,
2.0920

66.2900, 24.2920,
44.3560

121.6960, -2.2000,
-4.1840

59.1320, 27.9130,
50.3210

128.8540, -5.8210,
-10.1490

52.6750, 30.9380,
56.0740


135.3110, -8.8460,
-15.9020

47.9790, 33.1380,
60.2580

142.3550,
-12.1460, -22.1780

149.3990,

-15.4460, -28.4540

 155.9700,
-18.7920, -33.8960

Harmonies

Analogous

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



92.3260, -12.0610, 14.8430



93.9930, 11.0460, 20.0860



93.0350, 28.4230, 19.0390

Triad

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



93.9930, 11.0460, 20.0860



89.4800, 24.5310, -9.5570



73.1150, -63.9560, -19.3480

Complementary

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



93.9930, 11.0460, 20.0860



101.0070, -11.0460, -20.0860

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.



76.1740, -45.2490, -22.4730



93.9930, 11.0460, 20.0860



87.4670, 8.2100, -16.6380

Square

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



93.9930, 11.0460, 20.0860



91.0780, 34.8910, 0.9310



84.1530, -14.3930, -20.0010



73.2920, -68.5880, -12.4920

Rectangle

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



93.9930, 11.0460, 20.0860



91.9230, 34.4300, 14.7980



84.1530, -14.3930, -20.0010



72.2030, -61.3880, -21.8360

Sweetspot

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



93.9930, 11.0460, 20.0860



144.1950, 4.1250, 7.8450



82.7450, -11.9230, 12.3410



71.0160, 3.0710, 4.9190



204.0000, -0.0000, -0.0000



77.0000, -0.0000, -0.0000

Same Dimension

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



93.9930, 11.0460, 20.0860



116.9650, 17.4170, 31.2810



91.8270, 17.1450, 14.1770



55.3640, 1.9710, 2.8270



50.0440, 34.5130, 62.8730



102.4520, 70.9970, 128.5730

Inverse Universe

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



93.9930, 11.0460, 20.0860



116.9650, 17.4170, 31.2810



103.1730, -17.1450, -14.1770



55.3640, 1.9710, 2.8270



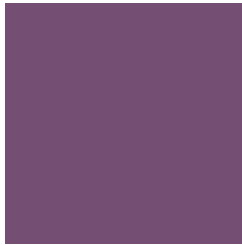
50.0440, 34.5130, 62.8730



102.4520, 70.9970, 128.5730

Previews

White Background



This preview shows how the YIQ color 93.9930, 11.0460, 20.0860 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 93.9930, 11.0460, 20.0860 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

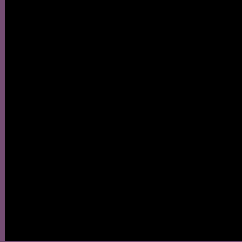
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 93.9930, 11.0460, 20.0860

Background



This preview shows how black text looks on a background with the YIQ color 93.9930, 11.0460, 20.0860.



This preview shows how white text looks on a background with the YIQ color 93.9930, 11.0460,

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

93.9930, 11.0460, 20.0860

Protanopia

91.2990, -16.5990, 8.9770

Deuteranopia

92.4370, -8.3000, 7.2520



Tritanopia

93.0670, 16.2290, 8.7490

Trichromacy



Original Color

93.9930, 11.0460, 20.0860

Protanomaly

92.4960, -6.7880, 12.8920

Deuteranomaly

93.1930, -1.5610, 11.7750

Tritanomaly

93.2180, 14.4860, 12.8060

Monochromacy



Original Color

93.9930, 11.0460, 20.0860

Achromatopsia

94.0000, 0.0000, 0.0000

Achromatomaly

93.7820, 3.8500, 7.3220

CSS Examples

Text

The CSS property to change the color of the text to YIQ 93.9930, 11.0460, 20.0860 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(117, 78, 116)` looks like.

```
.text, #text, p{  
    color:rgb(117, 78, 116)  
}
```

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(117, 78, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 78, 116) }
```

Border

The CSS property to change the border of an element to YIQ 93.9930, 11.0460, 20.0860 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(117, 78, 116) }
```


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

```
.border{ border-color:rgb(117, 78, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 78, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(117, 78, 116); -webkit-box-shadow:4px 4px 4px 4px rgb(117, 78, 116); box-shadow:4px 4px 4px 4px rgb(117, 78, 116) }
```

Background

The CSS property to change the background color of an element to YIQ 93.9930, 11.0460, 20.0860 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 78, 116) }
```

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

```
.background{ background-color: rgb(117, 78,  
116) }
```

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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