

Converting Colors

YIQ(91.4730, -9.1220, -10.8980)

Have a look what the booklet for
YIQ(91.4730, -9.1220, -10.8980)
contains.

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Color

**YIQ(91.4730, -9.1220,
-10.8980)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | 4C6553 |
| RGB | 76, 101, 83 |
| RGB Percent | 30%, 40%, 33% |
| CMY | 0.7020, 0.6039, 0.6745 |
| CMYK | 0.25, 0.00, 0.18, 0.60 |
| HSL | 137°, 14%, 35% |
| HSV | 137°, 25%, 40% |
| XYZ | 9.1949, 11.4696, 9.9117 |
| YIQ | 91.4730, -9.1220, -10.8980 |

Conversions

Conversions Part 2

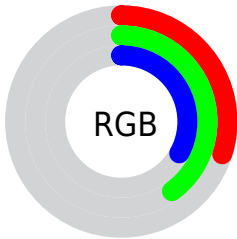
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 76, 96, 101 |
| Decimal | 5006675 |
| CIE Lab | 40.36, -13.40, 7.20 |
| CIE LCh | 40, 15.216, 151.742 |
| Yxy | 11.4696, 0.3007, 0.3751 |
| Android (android.graphics.Color) | 4283196755 (0xFF4C6553) |
| YUV | 91.4730, -4.1772, -13.5698 |
| Hunter-Lab | 33.8668, -10.8040, 6.3545 |

Details

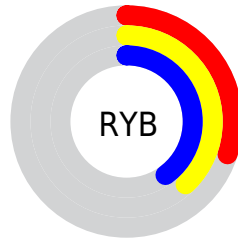
The YIQ color **91.4730, -9.1220, -10.8980** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **85.5270, 9.1220, 10.8980**, and the grayscale version is **92.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **141.6470, -9.6720, -11.9440**, and **45.2990, -8.5720, -9.8520** is the 20% darker color. If you saturate the color by 10%, you get **87.6850, -12.8350, -15.1950**, and if you desaturate by 10%, it is **95.2610, -5.4090, -6.6010**.

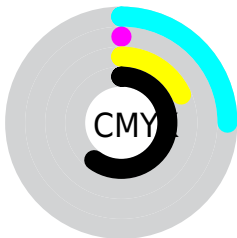
Distribution



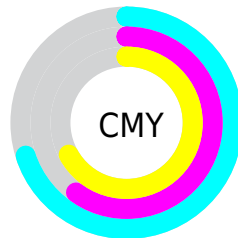
- Red (30%)
- Green (40%)
- Blue (33%)



- Red (30%)
- Yellow (38%)
- Blue (40%)



- Cyan (25%)
- Magenta (0%)
- Yellow (18%)
- Black (60%)



- Cyan (70%)
- Magenta (60%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 91.4730, -9.1220, -10.8980 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 91.4730, -9.1220, -10.8980 by changing the saturation by 10% instead.

■ 91.4730, -9.1220,
-10.8980

■ 91.4730, -9.1220,
-10.8980

■ 255.0000, -0.0000,
-0.0000

■ 67.8860, -8.8470,
-10.3750

■ 141.6470, -9.6720,
-11.9440

■ 45.2990, -8.5720,
-9.8520

■ 168.3480,
-10.2680, -12.1560

■ 24.4130, -8.8930,
-9.5410

■ 195.3480,
-10.2680, -12.1560

■ 1.1740, -0.5500,
-1.0460

■ 223.8210,
-10.2220, -12.9900

■ 0.0000, 0.0000,
0.0000

■ 247.2390, -8.3430,
-8.4950

■ 91.4730, -9.1220,
-10.8980

■ 91.4730, -9.1220,
-10.8980

■ 87.6850, -12.8350,
-15.1950

■ 95.2610, -5.4090,
-6.6010

■ 83.7830, -16.2270,
-19.8030

■ 99.1630, -2.0170,
-1.9930

■ 79.9950, -19.9400,
-24.1000

■ 102.9510, 1.6960,
2.3040

■ 76.2070, -23.6530,
-28.3970

■ 106.7390, 5.4090,
6.6010

■ 72.1200, -27.9620,
-32.9060

■ 110.5270, 9.1220,
10.8980

■ 68.2180, -31.3540,
-37.5140

■ 114.7280, 13.1100,
15.7180

■ 64.4300, -35.0670,
-41.8110

■ 118.5160, 16.8230,
20.0150

■ 62.4790, -36.7630,

■ 122.3040, 20.5360,

-44.1150

24.3120

■ 126.0920, 24.2490,
28.6090

Harmonies

Analogous

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



92.8720, 2.9360, -9.1600



91.4730, -9.1220, -10.8980



89.8400, -20.4010, -10.2330

Triad

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



91.4730, -9.1220, -10.8980



94.2510, -16.6440, 4.2840



96.4110, 20.9520, 5.7520

Complementary

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



91.4730, -9.1220, -10.8980



85.5270, 9.1220, 10.8980

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.



97.1920, 17.3750, 10.0070



91.4730, -9.1220, -10.8980



96.5300, -4.1280, 8.7360

Square

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



91.4730, -9.1220, -10.8980



91.7720, -25.7210, -1.9210



97.3420, 8.2050, 10.9970



95.3520, 19.4400, 0.1120

Rectangle

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



91.4730, -9.1220, -10.8980



89.6700, -25.6740, -8.2820



97.3420, 8.2050, 10.9970



97.0520, 20.5850, 6.8970

Sweetspot

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



91.4730, -9.1220, -10.8980



126.5110, -3.1170, -4.0850



96.0570, 3.8530, -9.2590



64.0490, -1.6960, -2.3040



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.



91.4730, -9.1220, -10.8980



115.1470, -14.2560, -16.9760



92.8410, -12.9740, -7.1660



49.0490, -1.6960, -2.3040



71.1530, -41.8970, -50.1930



149.8060, -88.3780, -105.4180

Inverse Universe

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



85.5270, 9.1220, 10.8980



105.8530, 14.2560, 16.9760



84.1590, 12.9740, 7.1660



47.9510, 1.6960, 2.3040



43.8470, 41.8970, 50.1930



92.1940, 88.3780, 105.4180

Previews

White Background



This preview shows how the YIQ color 91.4730, -9.1220, -10.8980 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 91.4730, -9.1220, -10.8980 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

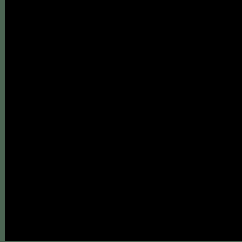
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 91.4730, -9.1220, -10.8980

Background



This preview shows how black text looks on a background with the YIQ color 91.4730, -9.1220, -10.8980.



This preview shows how white text looks on a background with the YIQ color 91.4730, -9.1220, -10.8980.

-10.8980.

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

91.4730, -9.1220, -10.8980

Protanopia

94.7850, 7.7950, -3.6050

Deuteranopia

95.3990, 12.0580, 1.7380



Tritanopia

93.5300, -13.2960, -1.3280

Trichromacy



Original Color

91.4730, -9.1220, -10.8980

Protanomaly

93.3820, 1.5600, -6.2480

Deuteranomaly

94.0450, 4.1270, -3.2090

Tritanomaly

92.9060, -11.5990, -4.5510

Monochromacy



Original Color

91.4730, -9.1220, -10.8980

Achromatopsia

91.0000, -0.0000, -0.0000

Achromatomaly

91.5110, -3.1170, -4.0850

CSS Examples

Text

The CSS property to change the color of the text to YIQ 91.4730, -9.1220, -10.8980 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(76, 101, 83)` looks like.

```
.text, #text, p{  
    color:rgb(76, 101, 83)  
}
```

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(76, 101, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 101, 83) }
```

Border

The CSS property to change the border of an element to YIQ 91.4730, -9.1220, -10.8980 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(76, 101, 83) }
```


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

```
.border{ border-color:rgb(76, 101, 83) }
```

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

Here you see how a box with a 4 pixel `rgb(76, 101, 83)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 101, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 101, 83);  
box-shadow:4px 4px 4px 4px rgb(76, 101,  
83) }
```

Background

The CSS property to change the background color of an element to YIQ 91.4730, -9.1220, -10.8980 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 101, 83) }
```

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

```
.background{ background-color: rgb(76, 101,  
83) }
```

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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