

Converting Colors

YIQ(91.7450, 5.2720, 3.5760)

Have a look what the booklet for
YIQ(91.7450, 5.2720, 3.5760)
contains.

YIQ(91.7450, 5.2720, 3.5760)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

YIQ(91.7450, 5.2720, 3.5760)

Conversions

Conversions Part 1

Format	Color
Hex	63585C
RGB	99, 88, 92
RGB Percent	39%, 35%, 36%
CMY	0.6117, 0.6549, 0.6392
CMYK	0.00, 0.11, 0.07, 0.61
HSL	338°, 6%, 37%
HSV	338°, 11%, 39%
XYZ	10.5677, 10.4045, 11.5776
YIQ	91.7450, 5.2720, 3.5760

Conversions

Conversions Part 2

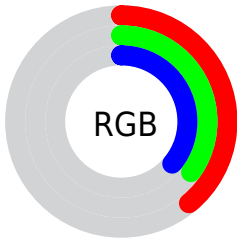
Format	Color
RYB	99, 88, 92
Decimal	6510684
CIELab	38.56, 5.26, -0.68
CIElCh	39, 5.304, 352.595
Yxy	10.4045, 0.3247, 0.3196
Android (android.graphics.Color)	4284700764 (0xFF63585C)
YUV	91.7450, 0.1257, 6.3626
Hunter-Lab	32.2561, 2.0319, 1.2985

Details

The YIQ color **91.7450, 5.2720, 3.5760** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **95.2550, -5.2720, -3.5760**, and the grayscale version is **92.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **142.0440, 5.8680, 3.7880**, and **46.0330, 4.4010, 2.8410** is the 20% darker color. If you saturate the color by 10%, you get **85.1910, 9.9480, 6.9400**, and if you desaturate by 10%, it is **98.2990, 0.5960, 0.2120**.

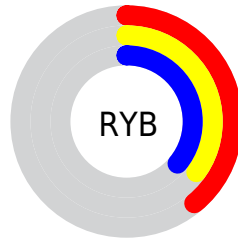
Distribution



Red (39%)

Green (35%)

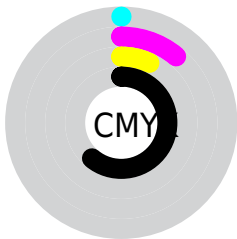
Blue (36%)



Red (39%)

Yellow (35%)

Blue (36%)

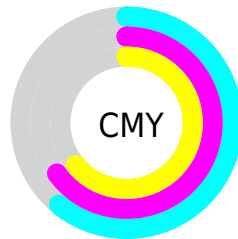


Cyan (0%)

Magenta (11%)

Yellow (7%)

Black (61%)



Cyan (61%)

Magenta (65%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 91.7450, 5.2720, 3.5760 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 91.7450, 5.2720, 3.5760 by changing the saturation by 10% instead.

■ 91.7450, 5.2720,
3.5760

■ 91.7450, 5.2720,
3.5760

■ 255.0000, -0.0000,
-0.0000

■ 68.4460, 4.6760,
3.3640

■ 142.0440, 5.8680,
3.7880

■ 46.0330, 4.4010,
2.8410

■ 168.1580, 5.5470,
4.0990

■ 25.1470, 4.0800,
3.1520

■ 195.4570, 6.1430,
4.3110

■ 0.0000, 0.0000,
0.0000

■ 223.4570, 6.1430,
4.3110

■ 250.5490, 2.8880,
2.7280

■ 91.7450, 5.2720,
3.5760

■ 91.7450, 5.2720,
3.5760

■ 85.1910, 9.9480,
6.9400

■ 98.2990, 0.5960,
0.2120

■ 78.5230, 14.9450,
9.9930

■ 104.9670, -4.4010,
-2.8410

■ 71.9690, 19.6210,
13.3570

■ 111.5210, -9.0770,
-6.2050

■ 65.4150, 24.2970,
16.7210

■ 118.0750,
-13.7530, -9.5690

■ 58.8610, 28.9730,
20.0850

■ 124.6290,
-18.4290, -12.9330

■ 52.7800, 33.6950,
22.6150

■ 130.7100,
-23.1510, -15.4630

■ 46.2260, 38.3710,
25.9790

■ 137.2640,
-27.8270, -18.8270

■ 39.6720, 43.0470,

■ 143.8180,

29.3430

-32.5030, -22.1910

■ 33.7050, 47.4480,
32.1840

■ 150.4860,
-37.5000, -25.2440

Harmonies

Analogous

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



91.5920, 1.3290, 3.4490



91.7450, 5.2720, 3.5760



91.5880, 7.1520, 2.5440

Triad

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



91.7450, 5.2720, 3.5760



90.6750, 2.2930, -3.0110



89.8680, -8.4360, -1.3000

Complementary

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



91.7450, 5.2720, 3.5760



95.2550, -5.2720, -3.5760

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.



89.2270, -8.0690, -2.4450



91.7450, 5.2720, 3.5760



89.9950, -1.6040, -3.9720

Square

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



91.7450, 5.2720, 3.5760



90.8820, 6.1440, -1.2160



89.3690, -5.5930, -3.2650



90.1180, -6.1440, 1.2160

Rectangle

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



91.7450, 5.2720, 3.5760



91.2460, 8.1150, 1.6110



89.3690, -5.5930, -3.2650



89.7540, -8.1150, -1.6110

Sweetspot

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



91.7450, 5.2720, 3.5760



125.3100, 2.0630, 1.1590



91.3470, 0.6410, 4.9050



62.0110, 1.4670, 0.9470



191.0000, -0.0000, -0.0000



64.0000, -0.0000, -0.0000

Same Dimension

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



91.7450, 5.2720, 3.5760



116.7670, 8.2060, 5.4700



91.8760, 6.2810, 1.8090



45.3100, 2.0630, 1.1590



38.1620, 53.5910, 36.4950



81.6780, 115.1130, 77.9370

Inverse Universe

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



91.7450, 5.2720, 3.5760



116.7670, 8.2060, 5.4700



95.1240, -6.2810, -1.8090



45.3100, 2.0630, 1.1590



38.1620, 53.5910, 36.4950



81.6780, 115.1130, 77.9370

Previews

White Background



This preview shows how the YIQ color 91.7450, 5.2720, 3.5760 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 91.7450, 5.2720, 3.5760 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

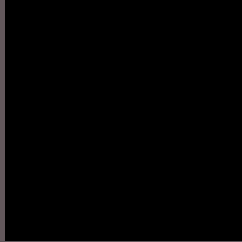
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 91.7450, 5.2720, 3.5760

Background



This preview shows how black text looks on a background with the YIQ color 91.7450, 5.2720, 3.5760.



This preview shows how white text looks on a background with the YIQ color 91.7450, 5.2720, 3.5760.

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

91.7450, 5.2720, 3.5760

Protanopia

90.9400, 0.2290, 1.3570

Deuteranopia

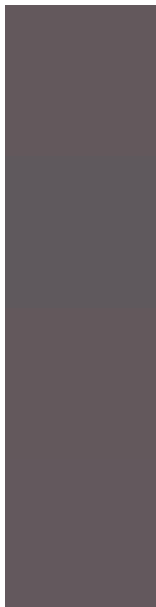
91.7450, 5.2720, 3.5760



Tritanopia

91.9730, 4.6300, 4.1980

Trichromacy



Original Color

91.7450, 5.2720, 3.5760

Protanomaly

91.2500, 2.2920, 2.5160

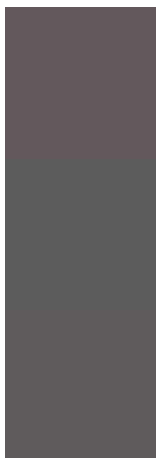
Deuteranomaly

91.7450, 5.2720, 3.5760

Tritanomaly

91.8590, 4.9510, 3.8870

Monochromacy



Original Color

91.7450, 5.2720, 3.5760

Achromatopsia

92.0000, 0.0000, -0.0000

Achromatomaly

92.3100, 2.0630, 1.1590

CSS Examples

Text

The CSS property to change the color of the text to YIQ 91.7450, 5.2720, 3.5760 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, 88, 92)` looks like.

```
.text, #text, p{  
    color:rgb(99, 88, 92)  
}
```

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, 88, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 88, 92) }
```

Border

The CSS property to change the border of an element to YIQ 91.7450, 5.2720, 3.5760 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, 88, 92) }
```

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

```
.border{ border-color:rgb(99, 88, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 88, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 88, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 88, 92);  
box-shadow:4px 4px 4px 4px rgb(99, 88, 92)  
}
```


Background

The CSS property to change the background color of an element to YIQ 91.7450, 5.2720, 3.5760 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 88, 92) }
```

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

```
.background{ background-color: rgb(99, 88,  
92) }
```

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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