

Converting Colors

YIQ(93.7250, -9.1710, 6.5170)

Have a look what the booklet for
YIQ(93.7250, -9.1710, 6.5170)
contains.

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Color

**YIQ(93.7250, -9.1710,
6.5170)**

Conversions

Conversions Part 1

Format	Color
Hex	595C73
RGB	89, 92, 115
RGB Percent	35%, 36%, 45%
CMY	0.6510, 0.6392, 0.5491
CMYK	0.23, 0.20, 0.00, 0.55
HSL	233°, 13%, 40%
HSV	233°, 23%, 45%
XYZ	11.0410, 11.0159, 17.7599
YIQ	93.7250, -9.1710, 6.5170

Conversions

Conversions Part 2

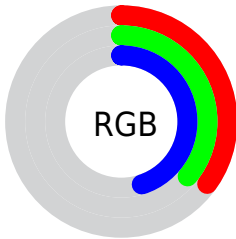
Format	Color
R_{YB}	89, 92, 115
Decimal	5856371
CIE _{Lab}	39.61, 4.28, -13.40
CIE _{LCh}	40, 14.067, 287.703
Yxy	11.0159, 0.2773, 0.2767
Android (android.graphics.Color)	4284046451 (0xFF595C73)
YUV	93.7250, 10.4886, -4.1438
Hunter-Lab	33.1903, 1.2963, -8.4924

Details

The YIQ color **93.7250, -9.1710, 6.5170** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **110.2750, 9.1710, -6.5170**, and the grayscale version is **94.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **143.9530, -9.8130, 7.1390**, and **47.4970, -8.5290, 5.8950** is the 20% darker color. If you saturate the color by 10%, you get **84.5660, -12.9770, 9.4150**, and if you desaturate by 10%, it is **103.1830, -4.7690, 3.8310**.

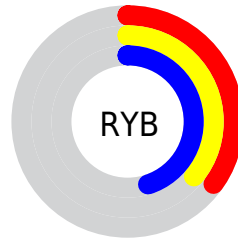
Distribution



Red (35%)

Green (36%)

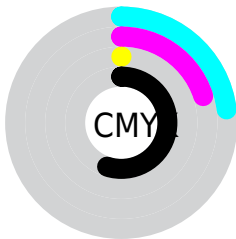
Blue (45%)



Red (35%)

Yellow (36%)

Blue (45%)

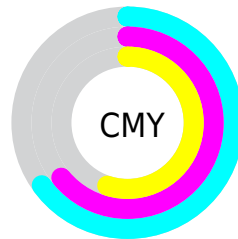


Cyan (23%)

Magenta (20%)

Yellow (0%)

Black (55%)



Cyan (65%)

Magenta (64%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 93.7250, -9.1710, 6.5170 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 93.7250, -9.1710, 6.5170 by changing the saturation by 10% instead.

■ 93.7250, -9.1710,
6.5170

■ 93.7250, -9.1710,
6.5170

■ 255.0000, -0.0000,
-0.0000

■ 70.1980, -9.1250,
5.6830

■ 143.9530, -9.8130,
7.1390

■ 47.4970, -8.5290,
5.8950

■ 170.9530, -9.8130,
7.1390

■ 26.6710, -9.0790,
4.8490

■ 198.0670,
-10.1340, 7.4500

■ 2.8500, -8.0250,
7.7750

■ 226.1810,
-10.4550, 7.7610

■ 0.0000, 0.0000,
0.0000

■ 251.7440, -2.1550,
0.5090

■ 93.7250, -9.1710,
6.5170

■ 93.7250, -9.1710,
6.5170

■ 84.5660, -12.9770,
9.4150

■ 103.1830, -4.7690,
3.8310

■ 75.1080, -17.3790,
12.1010

■ 112.3420, -0.9630,
0.9330

■ 65.3620, -20.9100,
15.5220

■ 122.0880, 2.5680,
-2.4880

■ 55.9040, -25.3120,
18.2080

■ 131.5460, 6.9700,
-5.1740

■ 46.7450, -29.1180,
21.1060

■ 140.7050, 10.7760,
-8.0720

■ 37.2870, -33.5200,
23.7920

■ 150.1630, 15.1780,
-10.7580

■ 28.1280, -37.3260,
26.6900

■ 159.3220, 18.9840,
-13.6560

■ 20.7410, -40.4900,

■ 168.7800, 23.3860,

28.9660

-16.3420

■ 178.5260, 26.9170,
-19.7630

Harmonies

Analogous

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



91.5880, -19.2110, 1.2450



93.7250, -9.1710, 6.5170



94.8790, 2.1990, 9.7110

Triad

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



93.7250, -9.1710, 6.5170



93.9330, 19.3020, 2.6140



89.6620, -14.0280, -10.0920

Complementary

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



93.7250, -9.1710, 6.5170



110.2750, 9.1710, -6.5170

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.



90.9360, -3.1160, -9.6120



93.7250, -9.1710, 6.5170



93.2050, 15.3600, -3.0400

Square

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



93.7250, -9.1710, 6.5170



94.7960, 18.4300, 7.4060



92.2640, 7.7040, -7.4640



88.6380, -22.6480, -8.0560

Rectangle

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



93.7250, -9.1710, 6.5170



95.2990, 9.7640, 10.2760



92.2640, 7.7040, -7.4640



89.5160, -10.6810, -10.1770

Sweetspot

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



93.7250, -9.1710, 6.5170



141.7270, -3.4850, 2.5870



106.8840, -14.5330, -6.4450



71.3850, -2.5220, 1.6540



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.



93.7250, -9.1710, 6.5170



117.4950, -14.2150, 9.8250



94.9540, -2.3860, 10.2060



53.6840, -1.9260, 1.8660



22.1260, -43.0120, 30.6200



45.5230, -88.2250, 62.5830

Inverse Universe

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



97.1160, 14.5330, 6.4450



122.5300, 22.2350, 10.0350



109.0460, 2.3860, -10.2060



54.7940, 3.5760, 1.2720



38.0740, 68.2180, 30.2180



78.0560, 139.6910, 62.0190

Previews

White Background



This preview shows how the YIQ color 93.7250, -9.1710, 6.5170 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 93.7250, -9.1710, 6.5170 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

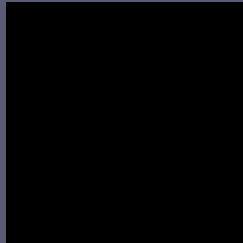
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 93.7250, -9.1710, 6.5170

Background



This preview shows how black text looks on a background with the YIQ color 93.7250, -9.1710, 6.5170.



This preview shows how white text looks on a background with the YIQ color 93.7250, -9.1710,

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

93.7250, -9.1710, 6.5170

Protanopia

93.4260, -9.7670, 6.3050

Deuteranopia

93.7360, -7.7040, 7.4640



Tritanopia

92.5200, -7.3360, 0.7920

Trichromacy



Original Color

93.7250, -9.1710, 6.5170

Protanomaly

93.4260, -9.7670, 6.3050

Deuteranomaly

93.4370, -8.3000, 7.2520

Tritanomaly

92.8020, -8.0700, 3.0820

Monochromacy



Original Color

93.7250, -9.1710, 6.5170

Achromatopsia

94.0000, 0.0000, 0.0000

Achromatomaly

93.7270, -3.4850, 2.5870

CSS Examples

Text

The CSS property to change the color of the text to YIQ 93.7250, -9.1710, 6.5170 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(89, 92, 115)` looks like.

```
.text, #text, p{  
    color:rgb(89, 92, 115)  
}
```

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(89, 92, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 92, 115) }
```

Border

The CSS property to change the border of an element to YIQ 93.7250, -9.1710, 6.5170 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(89, 92, 115) }
```


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

```
.border{ border-color:rgb(89, 92, 115) }
```

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

Here you see how a box with a 4 pixel rgb(89, 92, 115) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 92, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 92, 115);  
box-shadow:4px 4px 4px 4px rgb(89, 92,  
115) }
```

Background

The CSS property to change the background color of an element to YIQ 93.7250, -9.1710, 6.5170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 92, 115) }
```

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

```
.background{ background-color: rgb(89, 92,  
115) }
```

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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