

Converting Colors

YIQ(91.1520, 5.6840, 7.1240)

Have a look what the booklet for
YIQ(91.1520, 5.6840, 7.1240)
contains.

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Color

YIQ(91.1520, 5.6840, 7.1240)

Conversions

Conversions Part 1

Format	Color
Hex	655561
RGB	101, 85, 97
RGB Percent	40%, 33%, 38%
CMY	0.6039, 0.6667, 0.6196
CMYK	0.00, 0.16, 0.04, 0.60
HSL	315°, 9%, 36%
HSV	315°, 16%, 40%
XYZ	10.7739, 10.1264, 12.6968
YIQ	91.1520, 5.6840, 7.1240

Conversions

Conversions Part 2

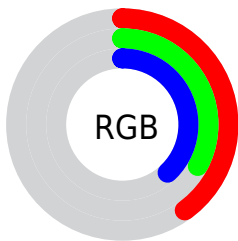
Format	Color
R_{YB}	101, 85, 97
Decimal	6640993
CIE _{Lab}	38.07, 8.93, -4.49
CIE _{LCh}	38, 9.993, 333.305
Yxy	10.1264, 0.3207, 0.3014
Android (android.graphics.Color)	4284831073 (0xFF655561)
YUV	91.1520, 2.8831, 8.6367
Hunter-Lab	31.8221, 4.7457, -1.3809

Details

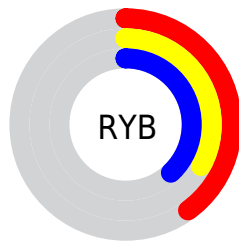
The YIQ color $91.1520, 5.6840, 7.1240$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $94.8480, -5.6840, -7.1240$, and the grayscale version is $91.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $141.5650, 5.9590, 7.6470$, and $45.4400, 4.8130, 6.3890$ is the 20% darker color. If you saturate the color by 10%, you get $84.9400, 9.3970, 11.4210$, and if you desaturate by 10%, it is $97.3640, 1.9710, 2.8270$.

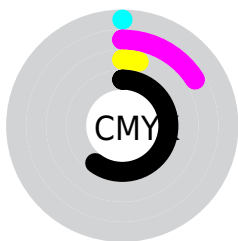
Distribution



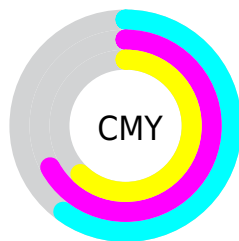
- Red (40%)
- Green (33%)
- Blue (38%)



- Red (40%)
- Yellow (33%)
- Blue (38%)



- Cyan (0%)
- Magenta (16%)
- Yellow (4%)
- Black (60%)



- Cyan (60%)
- Magenta (67%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 91.1520, 5.6840, 7.1240 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 91.1520, 5.6840, 7.1240 by changing the saturation by 10% instead.

■ 91.1520, 5.6840,
7.1240

■ 91.1520, 5.6840,
7.1240

■ 255.0000, -0.0000,
-0.0000

■ 67.7390, 5.4090,
6.6010

■ 141.5650, 5.9590,
7.6470

■ 45.4400, 4.8130,
6.3890

■ 167.8640, 6.5550,
7.8590

■ 25.0270, 4.5380,
5.8660

■ 194.9780, 6.2340,
8.1700

■ 0.3420, -0.9630,
0.9330

■ 223.2770, 6.8300,
8.3820

■ 0.0000, 0.0000,
0.0000

■ 248.5430, 3.0250,
5.7530

91.1520, 5.6840,
7.1240

91.1520, 5.6840,
7.1240

84.9400, 9.3970,
11.4210

97.3640, 1.9710,
2.8270

78.8420, 12.7890,
16.0290

103.4620, -1.4210,
-1.7810

72.6300, 16.5020,
20.3260

109.6740, -5.1340,
-6.0780

66.5320, 19.8940,
24.9340

115.7720, -8.5260,
-10.6860

59.7330, 23.8820,
29.7540

122.5710,
-12.5140, -15.5060

53.6350, 27.2740,
34.3620

128.6690,
-15.9060, -20.1140

47.4230, 30.9870,
38.6590

134.8810,
-19.6190, -24.4110

41.3250, 34.3790,

140.9790,

43.2670

-23.0110, -29.0190

■ 38.8630, 35.8000,
45.0480

■ 147.1910,
-26.7240, -33.3160

Harmonies

Analogous

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



90.3190, -2.1560, 6.0360



91.1520, 5.6840, 7.1240



91.1480, 11.5070, 6.2190

Triad

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



91.1520, 5.6840, 7.1240



89.0840, 8.3910, -3.3930



86.6820, -16.7800, -4.2680

Complementary

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



91.1520, 5.6840, 7.1240



94.8480, -5.6840, -7.1240

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.



86.3680, -13.0200, -6.3320



91.1520, 5.6840, 7.1240



88.3820, 1.5600, -6.2480

Square

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



91.1520, 5.6840, 7.1240



90.1170, 12.7920, -0.5520



87.5490, -6.2800, -7.3360



87.6870, -15.1760, -0.2960

Rectangle

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



91.1520, 5.6840, 7.1240



90.8770, 13.7080, 4.8760



87.5490, -6.2800, -7.3360



86.4540, -16.1380, -4.8900

Sweetspot

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



91.1520, 5.6840, 7.1240



126.2500, 2.2920, 2.5160



88.0200, -2.7520, 5.8240



63.5380, 1.4210, 1.7810



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.



91.1520, 5.6840, 7.1240



114.6410, 8.8010, 11.2090



90.2400, 8.2520, 4.6360



47.9510, 1.6960, 2.3040



44.1890, 40.9340, 51.1260



93.1060, 85.8100, 107.9060

Inverse Universe

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



91.1520, 5.6840, 7.1240



114.6410, 8.8010, 11.2090



95.7600, -8.2520, -4.6360



47.9510, 1.6960, 2.3040



44.1890, 40.9340, 51.1260



93.1060, 85.8100, 107.9060

Previews

White Background



This preview shows how the YIQ color 91.1520, 5.6840, 7.1240 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 91.1520, 5.6840, 7.1240 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 91.1520, 5.6840, 7.1240

Background



This preview shows how black text looks on a background with the YIQ color 91.1520, 5.6840, 7.1240.

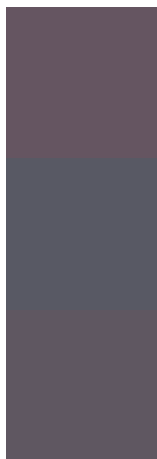


This preview shows how white text looks on a background with the YIQ color 91.1520, 5.6840, 7.1240.

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

91.1520, 5.6840, 7.1240

Protanopia

89.9550, -4.1270, 3.2090

Deuteranopia

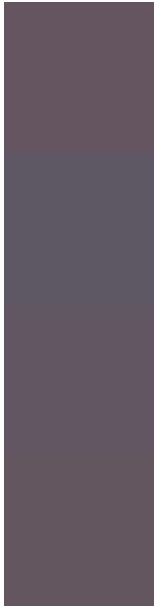
90.5320, 1.5580, 4.8060



Tritanopia

90.8700, 6.4180, 4.8340

Trichromacy



Original Color

91.1520, 5.6840, 7.1240

Protanomaly

90.7490, -0.5510, 4.4810

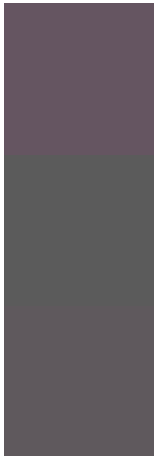
Deuteranomaly

90.5430, 3.0250, 5.7530

Tritanomaly

91.0980, 5.7760, 5.4560

Monochromacy



Original Color

91.1520, 5.6840, 7.1240

Achromatopsia

91.0000, -0.0000, -0.0000

Achromatomaly

91.2500, 2.2920, 2.5160

CSS Examples

Text

The CSS property to change the color of the text to YIQ 91.1520, 5.6840, 7.1240 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(101, 85, 97)` looks like.

```
.text, #text, p{  
    color:rgb(101, 85, 97)  
}
```

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(101, 85, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 85, 97) }
```

Border

The CSS property to change the border of an element to YIQ 91.1520, 5.6840, 7.1240 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(101, 85, 97) }
```

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

```
.border{ border-color:rgb(101, 85, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(101, 85, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 85, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 85, 97);  
box-shadow:4px 4px 4px 4px rgb(101, 85,  
97) }
```


Background

The CSS property to change the background color of an element to YIQ 91.1520, 5.6840, 7.1240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 85, 97) }
```

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

```
.background{ background-color: rgb(101, 85,  
97) }
```

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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