

Converting Colors

YIQ(154.6720, -1.6520, 7.9160)

Have a look what the booklet for
YIQ(154.6720, -1.6520, 7.9160)
contains.

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Color

**YIQ(154.6720, -1.6520,
7.9160)**

Conversions

Conversions Part 1

Format	Color
Hex	9E96AA
RGB	158, 150, 170
RGB Percent	62%, 59%, 67%
CMY	0.3804, 0.4118, 0.3334
CMYK	0.07, 0.12, 0.00, 0.33
HSL	264°, 11%, 63%
HSV	264°, 12%, 67%
XYZ	32.2631, 31.9836, 42.5004
YIQ	154.6720, -1.6520, 7.9160

Conversions

Conversions Part 2

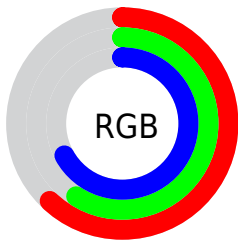
Format	Color
RYB	158, 150, 170
Decimal	10393258
CIELab	63.33, 6.85, -9.39
CIELCh	63, 11.622, 306.110
Yxy	31.9836, 0.3022, 0.2996
Android (android.graphics.Color)	4288583338 (0xFF9E96AA)
YUV	154.6720, 7.5567, 2.9187
Hunter-Lab	56.5541, 2.8616, -4.9686

Details

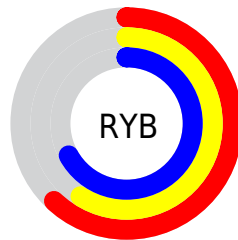
The YIQ color $154.6720, -1.6520, 7.9160$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $165.3280, 1.6520, -7.9160$, and the grayscale version is $155.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $209.0850, -1.3770, 8.4390$, and $103.5580, -1.3310, 7.6050$ is the 20% darker color. If you saturate the color by 10%, you get $141.7030, -2.9370, 14.6870$, and if you desaturate by 10%, it is $167.6410, -0.3670, 1.1450$.

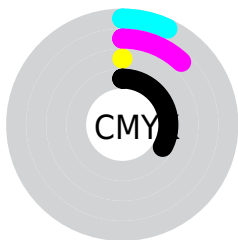
Distribution



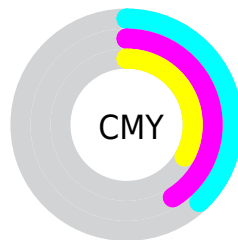
- Red (62%)
- Green (59%)
- Blue (67%)



- Red (62%)
- Yellow (59%)
- Blue (67%)



- Cyan (7%)
- Magenta (12%)
- Yellow (0%)
- Black (33%)



- Cyan (38%)
- Magenta (41%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 154.6720, -1.6520, 7.9160 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 154.6720, -1.6520, 7.9160 by changing the saturation by 10% instead.

■ 154.6720, -1.6520,
7.9160

■ 154.6720, -1.6520,
7.9160

255.0000, -0.0000,
-0.0000

■ 128.6720, -1.6520,
7.9160

■ 209.0850, -1.3770,
8.4390

■ 103.5580, -1.3310,
7.6050

■ 237.1990, -1.6980,
8.7500

■ 79.1450, -1.6060,
7.0820

■ 56.7320, -1.8810,
6.5590

■ 35.2050, -1.8350,
5.7250

■ 12.8570, -0.7350,
7.8170

■ 0.0000, 0.0000,

0.0000

■ 154.6720, -1.6520,
7.9160

■ 154.6720, -1.6520,
7.9160

■ 141.7030, -2.9370,
14.6870

■ 167.6410, -0.3670,
1.1450

■ 128.7340, -4.2220,
21.4580

■ 180.6100, 0.9180,
-5.6260

■ 115.4660, -6.1030,
28.0170

■ 193.8780, 2.7990,
-12.1850

■ 102.4970, -7.3880,
34.7880

■ 206.8470, 4.0840,
-18.9560

■ 89.5280, -8.6730,
41.5590

■ 219.8160, 5.3690,
-25.7270

■ 76.5590, -9.9580,
48.3300

■ 232.7850, 6.6540,
-32.4980

■ 63.5900, -11.2430,
55.1010

■ 237.5360, 11.7890,
-31.9470

■ 50.3220, -13.1240,
61.6600

■ 240.8250, 18.3450,
-29.6150

■ 39.7120, -14.0420,
67.2860

■ 243.8150, 24.3050,
-27.4950

Harmonies

Analogous

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



153.0020, -11.5090, 4.8350



154.6720, -1.6520, 7.9160



155.2880, 8.2970, 9.3290

Triad

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



154.6720, -1.6520, 7.9160



153.9710, 16.1390, -0.6370



150.1610, -16.8710, -8.1270

Complementary

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



154.6720, -1.6520, 7.9160



165.3280, 1.6520, -7.9160

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.



150.5270, -9.2140, -9.2300



154.6720, -1.6520, 7.9160



152.8130, 10.5920, -4.7360

Square

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



154.6720, -1.6520, 7.9160



154.8020, 18.2930, 4.3810



151.3280, 1.6520, -7.9160



150.1160, -20.9980, -4.9180

Rectangle

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



154.6720, -1.6520, 7.9160



155.0990, 13.2030, 8.5230



151.3280, 1.6520, -7.9160



149.8300, -14.4410, -8.1130

Sweetspot

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



154.6720, -1.6520, 7.9160



215.2220, -0.5050, 3.6470



159.3240, -9.7200, -0.0560



108.1680, -0.4130, 1.9790



240.0000, -0.0000, -0.0000



112.0000, -0.0000, 0.0000

Same Dimension

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



154.6720, -1.6520, 7.9160



198.1220, -2.7990, 12.1850



157.6620, 4.3080, 10.0360



77.8090, -0.7800, 3.1240



34.5130, -12.3440, 58.5360



4.6720, -1.6520, 7.9160

Inverse Universe

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



157.3480, 8.0680, 7.9720



202.3210, 12.6980, 12.1700



162.3380, -4.3080, -10.0360



78.9620, 3.1630, 3.2510



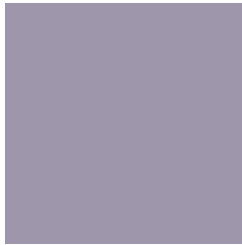
54.3980, 59.6390, 59.0550



7.3480, 8.0680, 7.9720

Previews

White Background



This preview shows how the YIQ color 154.6720, -1.6520, 7.9160 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 154.6720, -1.6520, 7.9160 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

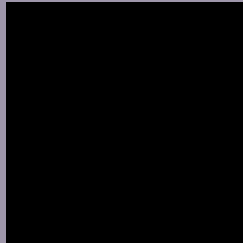
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 154.6720, -1.6520, 7.9160

Background



This preview shows how black text looks on a background with the YIQ color 154.6720, -1.6520, 7.9160.



This preview shows how white text looks on a background with the YIQ color 154.6720, -1.6520,

7.9160.

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

154.6720, -1.6520, 7.9160

Protanopia

153.8670, -6.6950, 5.6970

Deuteranopia

154.6830, -0.1850, 8.8630



Tritanopia

154.1620, -0.2760, 5.0040

Trichromacy



Original Color

154.6720, -1.6520, 7.9160

Protanomaly

154.1770, -4.6320, 6.8560

Deuteranomaly

154.3840, -0.7810, 8.6510

Tritanomaly

154.5040, -1.2390, 5.9370

Monochromacy



Original Color

154.6720, -1.6520, 7.9160

Achromatopsia

155.0000, -0.0000, 0.0000

Achromatomaly

154.6950, -0.4590, 2.8130

CSS Examples

Text

The CSS property to change the color of the text to YIQ 154.6720, -1.6520, 7.9160 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(158, 150, 170)` looks like.

```
.text, #text, p{  
    color:rgb(158, 150, 170)  
}
```

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(158, 150, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 150, 170) }
```

Border

The CSS property to change the border of an element to YIQ 154.6720, -1.6520, 7.9160 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(158, 150, 170) }
```


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

```
.border{ border-color:rgb(158, 150, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 150, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 150, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 150, 170);  
box-shadow:4px 4px 4px 4px rgb(158, 150,  
170) }
```

Background

The CSS property to change the background color of an element to YIQ 154.6720, -1.6520, 7.9160 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 150, 170) }
```

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

```
.background{ background-color: rgb(158,  
150, 170) }
```

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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