

Converting Colors

YIQ(114.7950, 20.1710, 14.4030)

Have a look what the booklet for
YIQ(114.7950, 20.1710, 14.4030)
contains.

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Color

**YIQ(114.7950, 20.1710,
14.4030)**

Conversions

Conversions Part 1

Format	Color
Hex	8F6475
RGB	143, 100, 117
RGB Percent	56%, 39%, 46%
CMY	0.4391, 0.6079, 0.5411
CMYK	0.00, 0.30, 0.18, 0.44
HSL	336°, 18%, 48%
HSV	336°, 30%, 56%
XYZ	19.1000, 16.2378, 18.9624
YIQ	114.7950, 20.1710, 14.4030

Conversions

Conversions Part 2

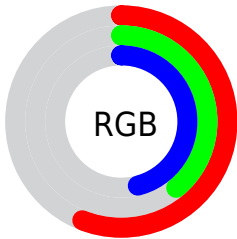
Format	Color
R_{YB}	143, 100, 117
Decimal	9397365
CIE Lab	47.29, 20.09, -2.58
CIE LCh	47, 20.250, 352.691
Yxy	16.2378, 0.3517, 0.2990
Android (android.graphics.Color)	4287587445 (0xFF8F6475)
YUV	114.7950, 1.0871, 24.7358
Hunter-Lab	40.2962, 14.0889, 0.3069

Details

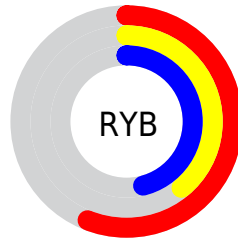
The YIQ color **114.7950, 20.1710, 14.4030** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **128.2050, -20.1710, -14.4030**, and the grayscale version is **115.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **166.8060, 21.6380, 15.3500**, and **66.4850, 18.1080, 13.2440** is the 20% darker color. If you saturate the color by 10%, you get **105.5510, 26.9100, 18.9260**, and if you desaturate by 10%, it is **124.0390, 13.4320, 9.8800**.

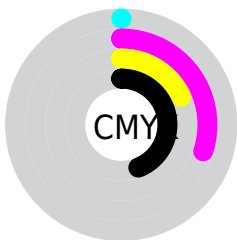
Distribution



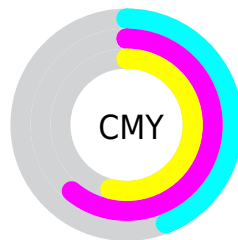
- Red (56%)
- Green (39%)
- Blue (46%)



- Red (56%)
- Yellow (39%)
- Blue (46%)



- Cyan (0%)
- Magenta (30%)
- Yellow (18%)
- Black (44%)



- Cyan (44%)
- Magenta (61%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 114.7950, 20.1710, 14.4030 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 114.7950, 20.1710, 14.4030 by changing the saturation by 10% instead.

■ 114.7950, 20.1710,
14.4030

■ 114.7950, 20.1710,
14.4030

■ 255.0000, -0.0000,
-0.0000

■ 90.0830, 19.3000,
13.6680

■ 166.8060, 21.6380,
15.3500

■ 66.4850, 18.1080,
13.2440

■ 194.4040, 22.8300,
15.7740

■ 43.0010, 16.5950,
13.1310

■ 222.7030, 23.4260,
15.9860

■ 21.4030, 15.4030,
12.7070

■ 242.4450, 6.4170,
10.3610

■ 5.6810, 11.3240,
4.0280

■ 0.0000, 0.0000,
0.0000

■ 114.7950, 20.1710,
14.4030

■ 114.7950, 20.1710,
14.4030

■ 105.5510, 26.9100,
18.9260

■ 124.0390, 13.4320,
9.8800

■ 95.8340, 33.6030,
24.2830

■ 133.7560, 6.7390,
4.5230

■ 86.5900, 40.3420,
28.8060

■ 143.0000, -0.0000,
0.0000

■ 77.3460, 47.0810,
33.3290

■ 152.2440, -6.7390,
-4.5230

■ 67.6290, 53.7740,
38.6860

■ 161.9610,
-13.4320, -9.8800

■ 58.3850, 60.5130,
43.2090


■ 171.2050,
-20.1710, -14.4030

■ 49.2550, 66.9310,
48.0430

■ 180.4490,
-26.9100, -18.9260

■ 189.5790,

-33.3280, -23.7600

 199.4100,
-40.3420, -28.8060

Harmonies

Analogous

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



115.0800, 6.1870, 14.5310



114.7950, 20.1710, 14.4030



114.0530, 28.0120, 9.9640

Triad

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



114.7950, 20.1710, 14.4030



109.8140, 8.8510, -11.7330



105.1340, -38.6040, -5.2280

Complementary

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



114.7950, 20.1710, 14.4030



128.2050, -20.1710, -14.4030

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.



103.5160, -37.0440, -11.4760



114.7950, 20.1710, 14.4030



107.4360, -7.7000, -14.6440

Square

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



114.7950, 20.1710, 14.4030



111.8480, 20.6790, -5.8250



105.0520, -24.1140, -14.5300



109.5640, -27.8310, 3.2810

Rectangle

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



114.7950, 20.1710, 14.4030



113.1900, 28.8840, 5.1720



105.0520, -24.1140, -14.5300



104.0690, -39.9790, -7.8430

Sweetspot

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



114.7950, 20.1710, 14.4030



174.8810, 7.8850, 5.7810



112.6760, 1.6930, 18.8850



87.4460, 4.6760, 3.3640



222.0000, -0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



114.7950, 20.1710, 14.4030



142.1110, 31.2650, 22.6010



115.2050, 24.5280, 7.0240



66.4350, 3.2090, 2.4170



46.4070, 63.4470, 45.1030



2.7340, 3.8050, 2.6290

Inverse Universe

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



114.7950, 20.1710, 14.4030



142.1110, 31.2650, 22.6010



127.7950, -24.5280, -7.0240



66.4350, 3.2090, 2.4170



46.4070, 63.4470, 45.1030



2.7340, 3.8050, 2.6290

Previews

White Background



This preview shows how the YIQ color 114.7950, 20.1710, 14.4030 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 114.7950, 20.1710, 14.4030 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

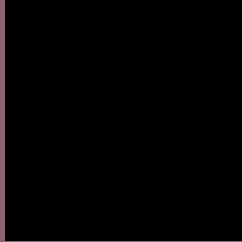
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 114.7950, 20.1710, 14.4030

Background



This preview shows how black text looks on a background with the YIQ color 114.7950, 20.1710, 14.4030.



This preview shows how white text looks on a background with the YIQ color 114.7950, 20.1710,

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

114.7950, 20.1710, 14.4030

Protanopia

113.0690, -4.4480, 3.5200

Deuteranopia

113.5710, 5.8220, 4.6220



Tritanopia

114.1710, 21.8680, 11.1800

Trichromacy



Original Color

114.7950, 20.1710, 14.4030

Protanomaly

113.9670, 4.7670, 7.2230

Deuteranomaly

114.3160, 11.0940, 8.1980

Tritanomaly

114.5130, 20.9050, 12.1130

Monochromacy



Original Color

114.7950, 20.1710, 14.4030

Achromatopsia

115.0000, -0.0000, 0.0000

Achromatomaly

115.1690, 7.0140, 5.0460

CSS Examples

Text

The CSS property to change the color of the text to YIQ 114.7950, 20.1710, 14.4030 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(143, 100, 117)` looks like.

```
.text, #text, p{  
    color:rgb(143, 100, 117)  
}
```

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(143, 100, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 100, 117) }
```

Border

The CSS property to change the border of an element to YIQ 114.7950, 20.1710, 14.4030 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(143, 100, 117) }
```


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

```
.border{ border-color:rgb(143, 100, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 100, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 100, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 100, 117);  
box-shadow:4px 4px 4px 4px rgb(143, 100,  
117) }
```

Background

The CSS property to change the background color of an element to YIQ 114.7950, 20.1710, 14.4030 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 100, 117) }
```

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

```
.background{ background-color: rgb(143,  
100, 117) }
```

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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