

Converting Colors

YIQ(175.1210, 59.6950, 2.9510)

Have a look what the booklet for
YIQ(175.1210, 59.6950, 2.9510)
contains.

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Color

**YIQ(175.1210, 59.6950,
2.9510)**

Conversions

Conversions Part 1

Format	Color
Hex	EA9D72
RGB	234, 157, 114
RGB Percent	92%, 62%, 45%
CMY	0.0822, 0.3844, 0.5527
CMYK	0.00, 0.33, 0.51, 0.08
HSL	21°, 74%, 68%
HSV	21°, 51%, 92%
XYZ	49.0374, 42.8186, 21.6204
YIQ	175.1210, 59.6950, 2.9510

Conversions

Conversions Part 2

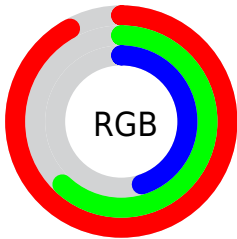
Format	Color
RYB	234, 181, 114
Decimal	15375730
CIELab	71.43, 24.16, 34.06
CIELCh	71, 41.762, 54.654
Yxy	42.8186, 0.4321, 0.3773
Android (android.graphics.Color)	4293565810 (0xFFEA9D72)
YUV	175.1210, -30.1327, 51.6369
Hunter-Lab	65.4359, 19.2544, 26.2154

Details

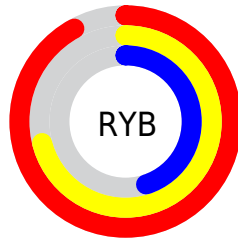
The YIQ color **175.1210, 59.6950, 2.9510** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **172.8790, -59.6950, -2.9510**, and the grayscale version is **175.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **219.6130, 40.3940, -5.1900**, and **121.3700, 54.5600, 2.4000** is the 20% darker color. If you saturate the color by 10%, you get **163.6940, 71.2030, 3.6430**, and if you desaturate by 10%, it is **186.5480, 48.1870, 2.2590**.

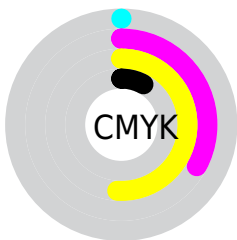
Distribution



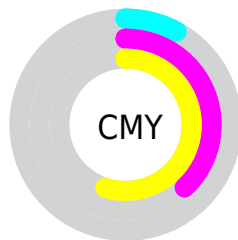
- Red (92%)
- Green (62%)
- Blue (45%)



- Red (92%)
- Yellow (71%)
- Blue (45%)



- Cyan (0%)
- Magenta (33%)
- Yellow (51%)
- Black (8%)



- Cyan (8%)
- Magenta (38%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 175.1210, 59.6950, 2.9510 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 175.1210, 59.6950, 2.9510 by changing the saturation by 10% instead.

175.1210, 59.6950,
2.9510

175.1210, 59.6950,
2.9510

255.0000, -0.0000,
-0.0000

148.0390, 56.9900,
2.4140

219.6130, 40.3940,
-5.1900

121.3700, 54.5600,
2.4000

239.2410, 23.7060,
-11.1260

95.9890, 51.2590,
1.6510

251.2380, 10.5930,
-10.2630

70.9070, 48.5540,
1.1140

254.5440, 1.2840,
-1.2440

47.1670, 44.8860,
1.5100

26.1800, 34.8440,
7.2920

11.9600, 23.8400,

8.4800

■ 0.0000, 0.0000,
0.0000

■ 175.1210, 59.6950,
2.9510

■ 175.1210, 59.6950,
2.9510

■ 163.6940, 71.2030,
3.6430

■ 186.5480, 48.1870,
2.2590

■ 152.1530, 83.0320,
4.0240

■ 198.0890, 36.3580,
1.8780

■ 140.7260, 94.5400,
4.7160

■ 209.5160, 24.8500,
1.1860

■ 129.1850,
106.3690, 5.0970

■ 221.0570, 13.0210,
0.8050

■ 119.2740,
116.3640, 5.6760

■ 232.4840, 1.5130,
0.1130

■ 243.9110, -9.9950,
-0.5790

■ 248.7210,
-12.5160, -4.4520

Harmonies

Analogous

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



176.9710, 60.8380, 20.7900



175.1210, 59.6950, 2.9510



172.2570, 43.9720, -14.9720

Triad

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



175.1210, 59.6950, 2.9510



153.5360, -67.3000, -35.8440



176.9630, -23.8000, 23.8480

Complementary

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



175.1210, 59.6950, 2.9510



172.8790, -59.6950, -2.9510

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.



165.8430, -68.0410, 5.1350



175.1210, 59.6950, 2.9510



137.8350, -119.4300, -38.2300

Square

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



175.1210, 59.6950, 2.9510



163.1270, -20.6720, -32.8640



138.4340, -128.0060, -25.9740



179.9480, 16.0870, 33.3590

Rectangle

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



175.1210, 59.6950, 2.9510



170.5920, 26.5510, -24.1450



138.4340, -128.0060, -25.9740



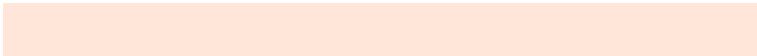
173.7870, -38.1040, 18.7600

Sweetspot

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



175.1210, 59.6950, 2.9510



235.9930, 19.0730, 1.2570



158.7720, 46.4820, 49.6980



116.5730, 11.5080, 0.6920



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

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



175.1210, 59.6950, 2.9510



177.1140, 78.7680, 4.2080



209.7540, 43.4700, -27.9060



111.6370, 5.4560, 0.2400



92.2740, 90.0010, 4.3770



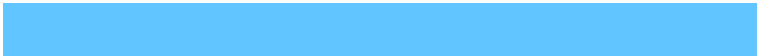
27.2990, 26.9590, 1.5110

Inverse Universe

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



172.8790, -59.6950, -2.9510



174.2990, -78.4930, -3.6850



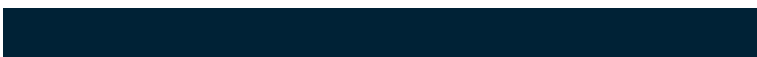
138.2460, -43.4700, 27.9060



111.3630, -5.4560, -0.2400



88.7260, -90.0010, -4.3770



26.1140, -26.6840, -0.9880

Previews

White Background



This preview shows how the YIQ color 175.1210, 59.6950, 2.9510 looks on a white background.

Color Contrast Check

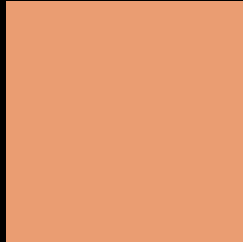
Large Text (above 18pt) WCAG AA × Fail

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 175.1210, 59.6950, 2.9510 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

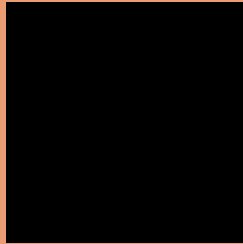
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 175.1210, 59.6950, 2.9510

Background



This preview shows how black text looks on a background with the YIQ color 175.1210, 59.6950, 2.9510.



This preview shows how white text looks on a background with the YIQ color 175.1210, 59.6950,

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

175.1210, 59.6950, 2.9510

Protanopia

173.0300, 25.6780, -13.8260

Deuteranopia

174.4730, 43.6040, -8.3000



Tritanopia

178.2670, 48.3210, 21.8650

Trichromacy



Original Color

175.1210, 59.6950, 2.9510

Protanomaly

173.3630, 38.1020, -7.7060

Deuteranomaly

174.6310, 49.1510, -4.2010

Tritanomaly

177.2040, 52.6320, 15.3200

Monochromacy



Original Color

175.1210, 59.6950, 2.9510

Achromatopsia

175.0000, -0.0000, -0.0000

Achromatomaly

174.6620, 21.5030, 1.2710

CSS Examples

Text

The CSS property to change the color of the text to YIQ 175.1210, 59.6950, 2.9510 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(234, 157, 114)` looks like.

```
.text, #text, p{  
    color:rgb(234, 157, 114)  
}
```

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(234, 157, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 157, 114) }
```

Border

The CSS property to change the border of an element to YIQ 175.1210, 59.6950, 2.9510 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(234, 157, 114) }
```


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

```
.border{ border-color:rgb(234, 157, 114) }
```

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

Here you see how a box with a 4 pixel rgb(234, 157, 114) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 157, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 157, 114);  
box-shadow:4px 4px 4px 4px rgb(234, 157,  
114) }
```

Background

The CSS property to change the background color of an element to YIQ 175.1210, 59.6950, 2.9510 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 157, 114) }
```

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

```
.background{ background-color: rgb(234,  
157, 114) }
```

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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