

Converting Colors

YIQ(154.3200, 75.1920, 2.9360)

Have a look what the booklet for
YIQ(154.3200, 75.1920, 2.9360)
contains.

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Color

**YIQ(154.3200, 75.1920,
2.9360)**

Conversions

Conversions Part 1

Format	Color
Hex	E4844C
RGB	228, 132, 76
RGB Percent	89%, 52%, 30%
CMY	0.1057, 0.4825, 0.7016
CMYK	0.00, 0.42, 0.67, 0.11
HSL	22°, 74%, 60%
HSV	22°, 67%, 89%
XYZ	41.5639, 33.5166, 11.1321
YIQ	154.3200, 75.1920, 2.9360

Conversions

Conversions Part 2

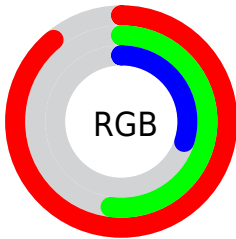
Format	Color
R _Y B	228, 165, 76
Decimal	14976076
CIE Lab	64.58, 32.20, 45.41
CIE LCh	65, 55.665, 54.657
Yxy	33.5166, 0.4821, 0.3888
Android (android.graphics.Color)	4293166156 (0xFFE4844C)
YUV	154.3200, -38.6118, 64.6174
Hunter-Lab	57.8935, 26.8380, 29.1249

Details

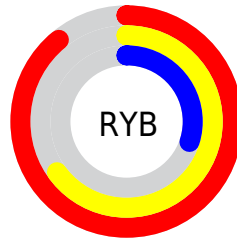
The YIQ color **154.3200, 75.1920, 2.9360** is a dark color, and the websafe version is hex **FF9966**. The color can be described as middle muted orange. A complement of this color would be **149.6800, -75.1920, -2.9360**, and the grayscale version is **155.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **199.9050, 60.0630, -3.7210**, and **100.5580, 68.5900, 1.4380** is the 20% darker color. If you saturate the color by 10%, you get **143.4800, 86.4250, 3.1050**, and if you desaturate by 10%, it is **165.1600, 63.9590, 2.7670**.

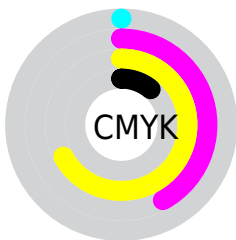
Distribution



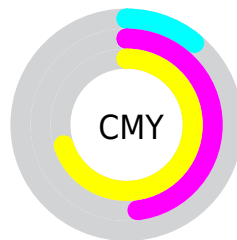
- Red (89%)
- Green (52%)
- Blue (30%)



- Red (89%)
- Yellow (65%)
- Blue (30%)



- Cyan (0%)
- Magenta (42%)
- Yellow (67%)
- Black (11%)





- Cyan (11%)
- Magenta (48%)
- Yellow (70%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 154.3200, 75.1920, 2.9360 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 154.3200, 75.1920, 2.9360 by changing the saturation by 10% instead.


 154.3200, 75.1920,
2.9360


 154.3200, 75.1920,
2.9360


255.0000, -0.0000,
-0.0000


 127.3520, 72.1660,
2.7100


 199.9050, 60.0630,
-3.7210


 100.5580, 68.5900,
1.4380


 219.3050, 44.0170,
-10.2790


 74.8350, 66.2520,
-0.2440


 239.4060, 27.3750,
-17.0490

 51.9620, 55.8890,
5.8490

 249.6420, 15.0870,
-14.6170

 27.4420, 46.0300,
13.8220

 252.9480, 5.7780,
-5.5980

 15.8470, 31.5880,
11.2360

 5.9800, 11.9200,

4.2400

■ 0.0000, 0.0000,
0.0000

■ 154.3200, 75.1920,
2.9360

■ 154.3200, 75.1920,
2.9360

■ 143.4800, 86.4250,
3.1050

■ 165.1600, 63.9590,
2.7670

■ 132.0530, 97.9330,
3.7970

■ 176.5870, 52.4510,
2.0750

■ 121.3270,
108.8450, 4.2770

■ 187.4270, 41.2180,
1.9060

■ 117.4800,
112.7880, 4.4040

■ 198.7400, 30.0310,
0.9030

■ 209.5800, 18.7980,
0.7340

■ 220.4200, 7.5650,
0.5650

■ 231.8470, -3.9430,
-0.1270

■ 242.2310,
-13.8920, -1.5400

■ 246.9270,
-16.0920, -5.7240

Harmonies

Analogous

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



155.3970, 77.4340, 28.3940



154.3200, 75.1920, 2.9360



151.9730, 56.2150, -22.0970

Triad

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



154.3200, 75.1920, 2.9360



122.3040, -96.3660, -48.7340



157.2040, -34.4840, 30.2520

Complementary

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



154.3200, 75.1920, 2.9360



149.6800, -75.1920, -2.9360

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.



125.9250, -127.2300, -6.9900



154.3200, 75.1920, 2.9360



128.7050, -113.0120, -33.3960

Square

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



154.3200, 75.1920, 2.9360



138.1760, -31.5360, -45.2320



130.3300, -124.4770, -18.3410



161.5500, 20.6240, 44.7520

Rectangle

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



154.3200, 75.1920, 2.9360



149.2750, 34.3930, -34.1110



130.3300, -124.4770, -18.3410



152.7280, -56.8110, 21.8850

Sweetspot

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



154.3200, 75.1920, 2.9360



230.4020, 25.1710, 0.8750



132.3920, 59.7760, 62.0800



112.7260, 15.4510, 0.8190



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.



154.3200, 75.1920, 2.9360



156.0210, 100.9590, 4.0230



198.9320, 54.2920, -36.8120



108.9360, 6.0520, 0.4520



92.2630, 88.5340, 3.4300



26.4020, 25.1710, 0.8750

Inverse Universe

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



149.6800, -75.1920, -2.9360



149.9790, -100.9590, -4.0230



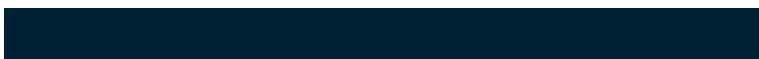
105.0680, -54.2920, 36.8120



109.0640, -6.0520, -0.4520



86.7370, -88.5340, -3.4300



24.5980, -25.1710, -0.8750

Previews

White Background



This preview shows how the YIQ color 154.3200, 75.1920, 2.9360 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 154.3200, 75.1920, 2.9360 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 154.3200, 75.1920, 2.9360

Background



This preview shows how black text looks on a background with the YIQ color 154.3200, 75.1920, 2.9360.



This preview shows how white text looks on a background with the YIQ color 154.3200, 75.1920,

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

154.3200, 75.1920, 2.9360

Protanopia

153.4620, 32.9690, -19.3110

Deuteranopia

153.6770, 51.5370, -14.4070



Tritanopia

158.0190, 60.8830, 25.4830

Trichromacy



Original Color

154.3200, 75.1920, 2.9360

Protanomaly

153.8170, 48.3270, -11.2970

Deuteranomaly

153.8570, 60.0180, -8.4140

Tritanomaly

157.0870, 66.2030, 17.1710

Monochromacy



Original Color

154.3200, 75.1920, 2.9360

Achromatopsia

154.0000, -0.0000, -0.0000

Achromatomaly

154.1850, 27.2800, 1.2000

CSS Examples

Text

The CSS property to change the color of the text to YIQ 154.3200, 75.1920, 2.9360 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(228, 132, 76)` looks like.

```
.text, #text, p{  
    color:rgb(228, 132, 76)  
}
```

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(228, 132, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 132, 76) }
```

Border

The CSS property to change the border of an element to YIQ 154.3200, 75.1920, 2.9360 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(228, 132, 76) }
```


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

```
.border{ border-color:rgb(228, 132, 76) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 132, 76)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 132, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 132, 76);  
box-shadow:4px 4px 4px 4px rgb(228, 132,  
76) }
```

Background

The CSS property to change the background color of an element to YIQ 154.3200, 75.1920, 2.9360 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 132, 76) }
```

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

```
.background{ background-color: rgb(228,  
132, 76) }
```

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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