

Converting Colors

YIQ(125.1620, 114.3440,
20.2640)

Have a look what the booklet for
YIQ(125.1620, 114.3440, 20.2640)
contains.

YIQ(125.1620, 114.3440, 20.2640)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(125.1620, 114.3440,
20.2640)**

Conversions

Conversions Part 1

Format	Color
Hex	F75121
RGB	247, 81, 33
RGB Percent	97%, 32%, 13%
CMY	0.0310, 0.6826, 0.8701
CMYK	0.00, 0.67, 0.87, 0.03
HSL	13°, 93%, 55%
HSV	13°, 87%, 97%
XYZ	41.6041, 25.7761, 4.2306
YIQ	125.1620, 114.3440, 20.2640

Conversions

Conversions Part 2

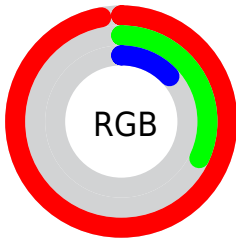
Format	Color
R_{YB}	247, 95, 33
Decimal	16208161
CIE _{Lab}	57.82, 61.43, 59.54
CIE _{LCh}	58, 85.552, 44.106
Yxy	25.7761, 0.5810, 0.3599
Android (android.graphics.Color)	4294398241 (0xFFFF75121)
YUV	125.1620, -45.4359, 106.8519
Hunter-Lab	50.7701, 57.4260, 30.5986

Details

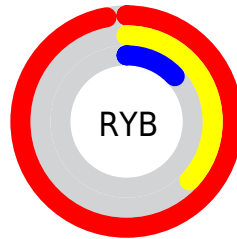
The YIQ color **125.1620, 114.3440, 20.2640** is a dark color, and the websafe version is hex **FF6633**. The color can be described as dark washed red. A complement of this color would be **154.8380, -114.3440, -20.2640**, and the grayscale version is **126.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **166.8270, 87.0660, 8.0100**, and **57.3530, 107.0970, 35.9690** is the 20% darker color. If you saturate the color by 10%, you get **111.1590, 127.5940, 22.4260**, and if you desaturate by 10%, it is **139.1650, 101.0940, 18.1020**.

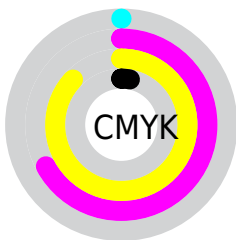
Distribution



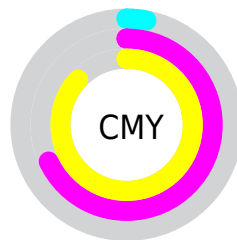
- Red (97%)
- Green (32%)
- Blue (13%)



- Red (97%)
- Yellow (37%)
- Blue (13%)



- Cyan (0%)
- Magenta (67%)
- Yellow (87%)
- Black (3%)





- Cyan (3%)
- Magenta (68%)
- Yellow (87%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 125.1620, 114.3440, 20.2640 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 125.1620, 114.3440, 20.2640 by changing the saturation by 10% instead.


 125.1620,
114.3440, 20.2640


 125.1620,
114.3440, 20.2640


255.0000, -0.0000,
-0.0000


 93.5640, 113.1520,
19.8400


 166.8270, 87.0660,
8.0100


 57.3530, 107.0970,
35.9690


 186.2270, 71.0200,
1.4520


 44.8500, 89.4000,
31.8000


 206.2140, 54.6990,
-5.6290

 35.2820, 70.3280,
25.0160

 226.3150, 38.0570,
-12.3990

 26.0130, 51.8520,
18.4440

 247.1170, 20.8190,
-19.3810

 17.8690, 34.5220,
13.1300

 250.8960, 11.5560,

 5.9800, 11.9200,

-11.1960

4.2400

254.2020, 2.2470,
-2.1770

0.0000, 0.0000,
0.0000

125.1620,
114.3440, 20.2640

125.1620,
114.3440, 20.2640

111.1590,
127.5940, 22.4260

139.1650,
101.0940, 18.1020

106.1380,
132.0870, 23.5990

153.1680, 87.8440,
15.9400

167.6440, 74.6400,
12.9440

181.6470, 61.3900,
10.7820

195.6500, 48.1400,
8.6200

209.5390, 35.2110,
6.1470

223.5420, 21.9610,
3.9850

237.5450, 8.7110,
1.8230

252.0210, -4.4930,
-1.1730

Harmonies

Analogous

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



107.2270, 108.8330, 70.6010



125.1620, 114.3440, 20.2640



130.8270, 85.9250, -20.8830

Triad

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



125.1620, 114.3440, 20.2640



109.4460, -76.6950, -58.3190



109.4890, -119.5300, 7.6540

Complementary

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



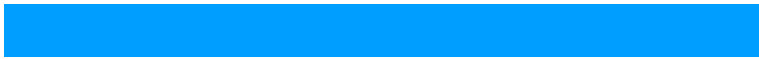
125.1620, 114.3440, 20.2640



154.8380, -114.3440, -20.2640

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.



122.4030, -125.5800, -3.8520



125.1620, 114.3440, 20.2640



120.0990, -102.5580, -35.6300

Square

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



125.1620, 114.3440, 20.2640



102.5800, -28.1830, -78.4790



126.9050, -124.4780, -12.8140



141.1020, 2.2350, 64.1470

Rectangle

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



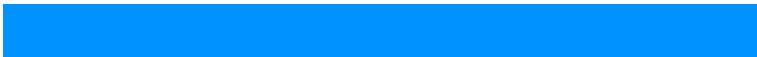
125.1620, 114.3440, 20.2640



129.1340, 56.5390, -38.9890



126.9050, -124.4780, -12.8140



114.7720, -122.0050, 2.9470

Sweetspot

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



125.1620, 114.3440, 20.2640



217.5390, 35.2110, 6.1470



116.1380, 73.6160, 97.6160



105.2430, 21.3650, 3.7730



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.



125.1620, 114.3440, 20.2640



109.7040, 136.3050, 24.2490



186.7970, 85.4690, -34.6510



115.3490, 6.3270, 0.9750



80.2680, 99.3060, 17.4660



25.2720, 31.5890, 5.7090

Inverse Universe

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



154.8380, -114.3440, -20.2640



145.2960, -136.3050, -24.2490



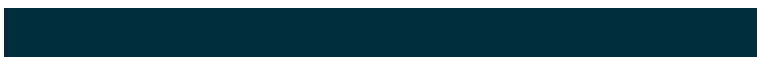
93.2030, -85.4690, 34.6510



117.2380, -6.6020, -1.4980



106.3190, -99.5810, -17.9890



33.7280, -31.5890, -5.7090

Previews

White Background



This preview shows how the YIQ color 125.1620, 114.3440, 20.2640 looks on a white 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

Black Background



This preview shows how the YIQ color 125.1620, 114.3440, 20.2640 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 × Fail

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

YIQ 125.1620, 114.3440, 20.2640

Background



This preview shows how black text looks on a background with the YIQ color 125.1620, 114.3440, 20.2640.



This preview shows how white text looks on a background with the YIQ color 125.1620, 114.3440,

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

125.1620, 114.3440, 20.2640

Protanopia

134.2960, 39.0680, -25.2200

Deuteranopia

130.1080, 68.5960, -31.7240



Tritanopia

127.8840, 101.2280, 37.7080

Trichromacy



Original Color

125.1620, 114.3440, 20.2640

Protanomaly

131.2660, 66.1160, -8.7960

Deuteranomaly

128.0970, 85.4650, -12.5430

Tritanomaly

127.1200, 106.1350, 31.3750

Monochromacy



Original Color

125.1620, 114.3440, 20.2640

Achromatopsia

125.0000, 0.0000, 0.0000

Achromatomaly

125.0020, 41.2170, 7.4330

CSS Examples

Text

The CSS property to change the color of the text to YIQ 125.1620, 114.3440, 20.2640 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(247, 81, 33)` looks like.

```
.text, #text, p{  
    color:rgb(247, 81, 33)  
}
```

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(247, 81, 33) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 81, 33) }
```

Border

The CSS property to change the border of an element to YIQ 125.1620, 114.3440, 20.2640 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(247, 81, 33) }
```


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

```
.border{ border-color:rgb(247, 81, 33) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 81, 33)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 81, 33); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 81, 33);  
box-shadow:4px 4px 4px 4px rgb(247, 81,  
33) }
```

Background

The CSS property to change the background color of an element to YIQ 125.1620, 114.3440, 20.2640 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 81, 33) }
```

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

```
.background{ background-color: rgb(247, 81,  
33) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor