

Converting Colors

YIQ(121.6520, 62.9940, 14.7540)

Have a look what the booklet for
YIQ(121.6520, 62.9940, 14.7540)
contains.

YIQ(121.6520, 62.9940, 14.7540)	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(121.6520, 62.9940,
14.7540)**

Conversions

Conversions Part 1

Format	Color
Hex	BF5F4D
RGB	191, 95, 77
RGB Percent	75%, 37%, 30%
CMY	0.2508, 0.6276, 0.6978
CMYK	0.00, 0.50, 0.60, 0.25
HSL	9°, 47%, 53%
HSV	9°, 60%, 75%
XYZ	26.9303, 19.7975, 9.4356
YIQ	121.6520, 62.9940, 14.7540

Conversions

Conversions Part 2

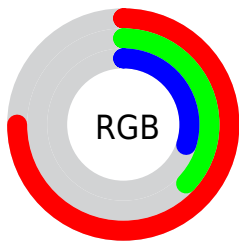
Format	Color
R_{YB}	191, 98, 77
Decimal	12541773
CIE _{Lab}	51.61, 36.99, 28.06
CIE _{LCh}	52, 46.428, 37.184
Yxy	19.7975, 0.4795, 0.3525
Android (android.graphics.Color)	4290731853 (0xFFBF5F4D)
YUV	121.6520, -22.0134, 60.8182
Hunter-Lab	44.4943, 30.1724, 18.5729

Details

The YIQ color **121.6520, 62.9940, 14.7540** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **146.3480, -62.9940, -14.7540**, and the grayscale version is **122.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **175.7020, 68.7250, 15.5170**, and **69.8300, 56.6210, 14.6130** is the 20% darker color. If you saturate the color by 10%, you get **110.0940, 73.4930, 17.2130**, and if you desaturate by 10%, it is **133.2100, 52.4950, 12.2950**.

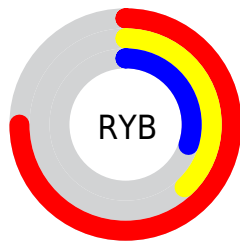
Distribution



Red (75%)

Green (37%)

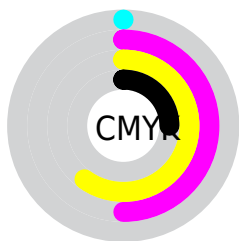
Blue (30%)



Red (75%)

Yellow (38%)

Blue (30%)

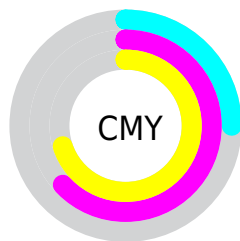


Cyan (0%)

Magenta (50%)

Yellow (60%)

Black (25%)



Cyan (25%)


Magenta (63%)

Yellow (70%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 121.6520, 62.9940, 14.7540 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 121.6520, 62.9940, 14.7540 by changing the saturation by 10% instead.


 121.6520, 62.9940,
14.7540


 121.6520, 62.9940,
14.7540


255.0000, -0.0000,
-0.0000


 95.6840, 59.9680,
14.5280


 175.7020, 68.7250,
15.5170


 69.8300, 56.6210,
14.6130


 196.2980, 55.0630,
9.8070


 42.8020, 53.8240,
15.7440


 215.8120, 38.6960,
3.5600

 22.7240, 45.2960,
16.1120

 235.4400, 22.0080,
-2.3760

 15.3630, 30.0750,
11.1230

 252.7200, 6.4200,
-6.2200

 0.5980, 1.1920,
0.4240

 0.0000, 0.0000,

0.0000

■ 121.6520, 62.9940,
14.7540

■ 121.6520, 62.9940,
14.7540

■ 110.0940, 73.4930,
17.2130

■ 133.2100, 52.4950,
12.2950

■ 98.5360, 83.9920,
19.6720

■ 144.7680, 41.9960,
9.8360

■ 86.9780, 94.4910,
22.1310

■ 156.3260, 31.4970,
7.3770

■ 75.4200, 104.9900,
24.5900

■ 167.8840, 20.9980,
4.9180

■ 74.7190, 105.5860,
24.8020

■ 179.5560, 10.1780,
2.7700

■ 191.7010, -0.5960,
-0.2120

■ 203.2590,
-11.0950, -2.6710

■ 214.8170,
-21.5940, -5.1300

■ 226.3750,
-32.0930, -7.5890

Harmonies

Analogous

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



122.7830, 55.9760, 31.8160



121.6520, 62.9940, 14.7540



120.5730, 55.0660, -6.7740

Triad

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



121.6520, 62.9940, 14.7540



99.7300, -53.4070, -39.8310



114.9520, -60.7980, 11.5380

Complementary

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



121.6520, 62.9940, 14.7540



146.3480, -62.9940, -14.7540

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.



101.5890, -100.0410, -9.6490



121.6520, 62.9940, 14.7540



98.9890, -81.6970, -33.7370

Square

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



121.6520, 62.9940, 14.7540



113.1480, 1.1980, -32.7380



102.1470, -93.3450, -20.8730



126.5630, -7.7540, 30.4060

Rectangle

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



121.6520, 62.9940, 14.7540



119.1380, 42.6890, -19.2550



102.1470, -93.3450, -20.8730



98.7510, -100.3170, -4.6450

Sweetspot

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



121.6520, 62.9940, 14.7540



220.2650, 24.2990, 5.6670



122.1440, 36.8070, 54.3350



108.3070, 15.3130, 3.3210



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



121.6520, 62.9940, 14.7540



138.6580, 98.3880, 23.0920



154.5240, 47.5940, -14.5340



88.2780, 5.0890, 1.3850



61.9170, 87.2930, 20.4210



12.2040, 17.1010, 3.9570

Inverse Universe

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



146.3480, -62.9940, -14.7540



177.3420, -98.3880, -23.0920



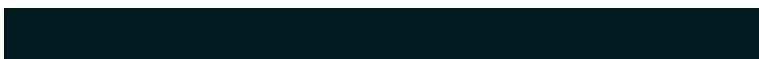
113.4760, -47.5940, 14.5340



90.7220, -5.0890, -1.3850



96.0830, -87.2930, -20.4210



18.7960, -17.1010, -3.9570

Previews

White Background



This preview shows how the YIQ color 121.6520, 62.9940, 14.7540 looks on a white background.

Color Contrast Check

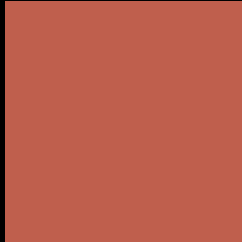
Large Text (above 18pt) WCAG AA ✓ Pass

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 121.6520, 62.9940, 14.7540 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 121.6520, 62.9940, 14.7540

Background



This preview shows how black text looks on a background with the YIQ color 121.6520, 62.9940, 14.7540.



This preview shows how white text looks on a background with the YIQ color 121.6520, 62.9940,

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

121.6520, 62.9940, 14.7540

Protanopia

122.0000, 17.1950, -8.7650

Deuteranopia

122.4380, 33.5170, -7.2110



Tritanopia

122.5840, 57.6740, 23.0660

Trichromacy



Original Color

121.6520, 62.9940, 14.7540

Protanomaly

121.9530, 33.7450, -0.3270

Deuteranomaly

122.3410, 44.3360, 0.4640

Tritanomaly

122.2590, 59.9670, 20.0550

Monochromacy



Original Color

121.6520, 62.9940, 14.7540

Achromatopsia

122.0000, 0.0000, -0.0000

Achromatomaly

121.7810, 22.7860, 5.5540

CSS Examples

Text

The CSS property to change the color of the text to YIQ 121.6520, 62.9940, 14.7540 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(191, 95, 77)` looks like.

```
.text, #text, p{  
    color:rgb(191, 95, 77)  
}
```

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(191, 95, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 95, 77) }
```

Border

The CSS property to change the border of an element to YIQ 121.6520, 62.9940, 14.7540 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(191, 95, 77) }
```


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

```
.border{ border-color:rgb(191, 95, 77) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 95, 77)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 95, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 95, 77);  
box-shadow:4px 4px 4px 4px rgb(191, 95,  
77) }
```

Background

The CSS property to change the background color of an element to YIQ 121.6520, 62.9940, 14.7540 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 95, 77) }
```

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

```
.background{ background-color: rgb(191, 95,  
77) }
```

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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