

Converting Colors

YIQ(145.8700, 59.1440, 7.4320)

Have a look what the booklet for
YIQ(145.8700, 59.1440, 7.4320)
contains.

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Color

**YIQ(145.8700, 59.1440,
7.4320)**

Conversions

Conversions Part 1

Format	Color
Hex	CF7D5D
RGB	207, 125, 93
RGB Percent	81%, 49%, 36%
CMY	0.1881, 0.5099, 0.6350
CMYK	0.00, 0.40, 0.55, 0.19
HSL	17°, 54%, 59%
HSV	17°, 55%, 81%
XYZ	35.0526, 28.7218, 14.0677
YIQ	145.8700, 59.1440, 7.4320

Conversions

Conversions Part 2

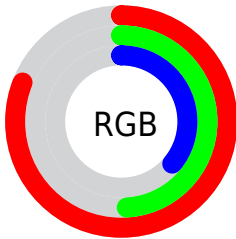
Format	Color
R_{YB}	207, 137, 93
Decimal	13598045
CIE _{Lab}	60.54, 28.67, 30.85
CIE _{LCh}	61, 42.114, 47.099
Yxy	28.7218, 0.4503, 0.3690
Android (android.graphics.Color)	4291788125 (0xFFCF7D5D)
YUV	145.8700, -26.0649, 53.6110
Hunter-Lab	53.5927, 22.9615, 21.9517

Details

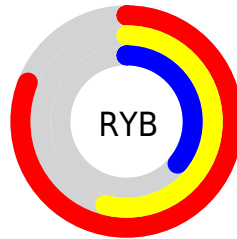
The YIQ color **145.8700, 59.1440, 7.4320** is a dark color, and the websafe version is hex **CC9966**. The color can be described as middle muted orange. A complement of this color would be **154.1300, -59.1440, -7.4320**, and the grayscale version is **146.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **197.1470, 56.8060, 5.7500**, and **93.8200, 53.4130, 6.6690** is the 20% darker color. If you saturate the color by 10%, you get **134.6710, 70.0100, 8.7460**, and if you desaturate by 10%, it is **157.0690, 48.2780, 6.1180**.

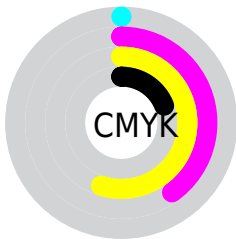
Distribution



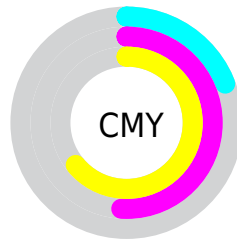
- Red (81%)
- Green (49%)
- Blue (36%)



- Red (81%)
- Yellow (54%)
- Blue (36%)



- Cyan (0%)
- Magenta (40%)
- Yellow (55%)
- Black (19%)



- Cyan (19%)
- Magenta (51%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 145.8700, 59.1440, 7.4320 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 145.8700, 59.1440, 7.4320 by changing the saturation by 10% instead.

■ 145.8700, 59.1440,
7.4320

■ 145.8700, 59.1440,
7.4320

■ 255.0000, -0.0000,
-0.0000

■ 119.2010, 56.7140,
7.4180

■ 197.1470, 56.8060,
5.7500

■ 93.8200, 53.4130,
6.6690

■ 216.6610, 40.4390,
-0.4970

■ 68.5530, 49.7910,
6.2310

■ 236.7620, 23.7970,
-7.2670

■ 43.6560, 48.0030,
5.5950

■ 251.6940, 9.3090,
-9.0190

■ 21.4950, 38.5110,
12.4230

■ 12.6720, 24.7110,
9.2150

■ 0.0000, 0.0000,

0.0000

■ 145.8700, 59.1440,
7.4320

■ 145.8700, 59.1440,
7.4320

■ 134.6710, 70.0100,
8.7460

■ 157.0690, 48.2780,
6.1180

■ 123.5860, 80.5550,
10.3710

■ 168.1540, 37.7330,
4.4930

■ 112.3870, 91.4210,
11.6850

■ 179.3530, 26.8670,
3.1790

■ 101.1880,
102.2870, 12.9990

■ 190.5520, 16.0010,
1.8650

■ 95.9390, 107.4220,
13.5500

■ 201.7510, 5.1350,
0.5510

■ 212.2490, -5.1350,
-0.5510

■ 223.4480,
-16.0010, -1.8650

■ 234.1910,
-25.5830, -4.4230

■ 240.6480,
-28.6080, -10.1760

Harmonies

Analogous

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



147.3390, 56.9860, 24.5220



145.8700, 59.1440, 7.4320



143.7460, 47.0890, -10.8870

Triad

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



145.8700, 59.1440, 7.4320



124.6140, -58.7720, -36.2120



145.1680, -34.8030, 19.5090

Complementary

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



145.8700, 59.1440, 7.4320



154.1300, -59.1440, -7.4320

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.



126.9000, -90.5510, -5.4230



145.8700, 59.1440, 7.4320



115.8930, -98.9820, -34.3580

Square

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



145.8700, 59.1440, 7.4320



135.4440, -11.3190, -31.6630



117.7800, -108.4290, -22.8370



150.2180, 6.4590, 31.6350

Rectangle

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



145.8700, 59.1440, 7.4320



142.1090, 32.4650, -21.1910



117.7800, -108.4290, -22.8370



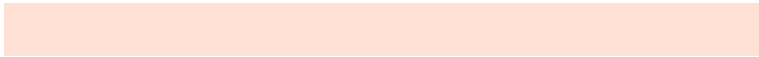
141.4540, -50.5280, 12.6400

Sweetspot

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



145.8700, 59.1440, 7.4320



231.9010, 22.3280, 2.8400



136.6620, 40.9800, 50.2920



113.8830, 13.5710, 1.8510



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.



145.8700, 59.1440, 7.4320



164.8210, 87.2030, 11.0350



178.1550, 44.0190, -21.3330



99.0500, 5.7310, 0.7630



77.8210, 87.2030, 11.0350



18.7160, 21.4110, 2.9390

Inverse Universe

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



154.1300, -59.1440, -7.4320



177.1790, -87.2030, -11.0350



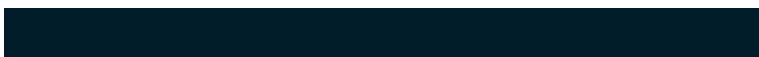
121.8450, -44.0190, 21.3330



99.9500, -5.7310, -0.7630



90.1790, -87.2030, -11.0350



21.6970, -21.1360, -2.4160

Previews

White Background



This preview shows how the YIQ color 145.8700, 59.1440, 7.4320 looks on a white background.

Color Contrast Check

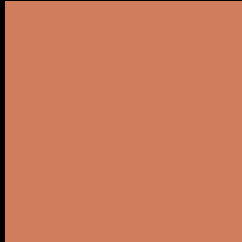
Large Text (above 18pt) WCAG AA ✓ Pass

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 145.8700, 59.1440, 7.4320 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 145.8700, 59.1440, 7.4320

Background



This preview shows how black text looks on a background with the YIQ color 145.8700, 59.1440, 7.4320.



This preview shows how white text looks on a background with the YIQ color 145.8700, 59.1440,

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

145.8700, 59.1440, 7.4320

Protanopia

144.5720, 21.2760, -11.1400

Deuteranopia

145.3630, 38.1020, -7.7060



Tritanopia

147.9360, 50.7510, 21.8790

Trichromacy



Original Color

145.8700, 59.1440, 7.4320

Protanomaly

144.9160, 35.1670, -4.0730

Deuteranomaly

145.8310, 45.7120, -2.4480

Tritanomaly

147.3290, 53.7780, 16.5780

Monochromacy



Original Color

145.8700, 59.1440, 7.4320

Achromatopsia

146.0000, -0.0000, -0.0000

Achromatomaly

145.7160, 21.4110, 2.9390

CSS Examples

Text

The CSS property to change the color of the text to YIQ 145.8700, 59.1440, 7.4320 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(207, 125, 93)` looks like.

```
.text, #text, p{  
    color:rgb(207, 125, 93)  
}
```

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(207, 125, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 125, 93) }
```

Border

The CSS property to change the border of an element to YIQ 145.8700, 59.1440, 7.4320 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(207, 125, 93) }
```


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

```
.border{ border-color:rgb(207, 125, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 125, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 125, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 125, 93);  
box-shadow:4px 4px 4px 4px rgb(207, 125,  
93) }
```

Background

The CSS property to change the background color of an element to YIQ 145.8700, 59.1440, 7.4320 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 125, 93) }
```

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

```
.background{ background-color: rgb(207,  
125, 93) }
```

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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