

Converting Colors

YIQ(135.2790, 65.2420, 7.0500)

Have a look what the booklet for
YIQ(135.2790, 65.2420, 7.0500)
contains.

YIQ(135.2790, 65.2420, 7.0500)	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(135.2790, 65.2420,
7.0500)**

Conversions

Conversions Part 1

Format	Color
Hex	CA714B
RGB	202, 113, 75
RGB Percent	79%, 44%, 29%
CMY	0.2077, 0.5570, 0.7056
CMYK	0.00, 0.44, 0.63, 0.21
HSL	18°, 55%, 54%
HSV	18°, 63%, 79%
XYZ	31.5436, 24.8741, 9.8085
YIQ	135.2790, 65.2420, 7.0500

Conversions

Conversions Part 2

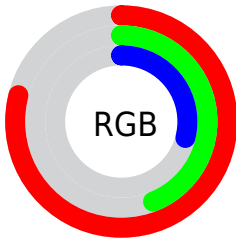
Format	Color
RYP	202, 129, 75
Decimal	13267275
CIELab	56.95, 31.72, 36.12
CIELCh	57, 48.076, 48.712
Yxy	24.8741, 0.4763, 0.3756
Android (android.graphics.Color)	4291457355 (0xFFCA714B)
YUV	135.2790, -29.7175, 58.5143
Hunter-Lab	49.8740, 25.6156, 23.2515

Details

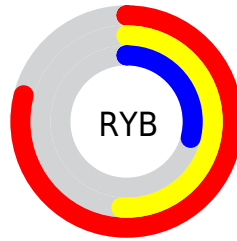
The YIQ color **135.2790, 65.2420, 7.0500** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **141.7210, -65.2420, -7.0500**, and the grayscale version is **136.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **187.9370, 66.2050, 6.1170**, and **83.0440, 58.5940, 6.3860** is the 20% darker color. If you saturate the color by 10%, you get **124.7810, 75.5120, 8.1520**, and if you desaturate by 10%, it is **145.7770, 54.9720, 5.9480**.

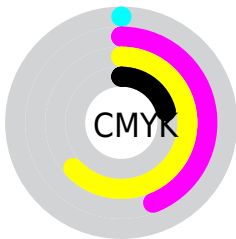
Distribution



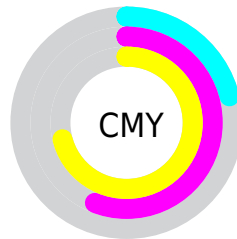
- Red (79%)
- Green (44%)
- Blue (29%)



- Red (79%)
- Yellow (51%)
- Blue (29%)



- Cyan (0%)
- Magenta (44%)
- Yellow (63%)
- Black (21%)





- Cyan (21%)
- Magenta (56%)
- Yellow (71%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 135.2790, 65.2420, 7.0500 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 135.2790, 65.2420, 7.0500 by changing the saturation by 10% instead.


 135.2790, 65.2420,
7.0500

 135.2790, 65.2420,
7.0500


255.0000, -0.0000,
-0.0000


 109.0120, 61.6200,
6.6120


 187.9370, 66.2050,
6.1170


 83.0440, 58.5940,
6.3860


 206.7500, 50.4340,
0.0820


 57.5490, 55.6140,
5.3260


 226.8510, 33.7920,
-6.6880

 33.9320, 47.4060,
10.9100

 246.4790, 17.1040,
-12.6240

 17.6410, 35.1640,
12.5080

 252.6060, 6.7410,
-6.5310

 9.6820, 18.7510,
7.0950

 0.0000, 0.0000,

0.0000

■ 135.2790, 65.2420,
7.0500

■ 135.2790, 65.2420,
7.0500

■ 124.7810, 75.5120,
8.1520

■ 145.7770, 54.9720,
5.9480

■ 114.2830, 85.7820,
9.2540

■ 156.2750, 44.7020,
4.8460

■ 103.0840, 96.6480,
10.5680

■ 166.8870, 34.1110,
4.0550

■ 95.6180, 103.8920,
11.4440

■ 177.9720, 23.5660,
2.4300

■ 188.4700, 13.2960,
1.3280

■ 198.9680, 3.0260,
0.2260

■ 209.5800, -7.5650,
-0.5650

■ 220.0780,
-17.8350, -1.6670

■ 230.9350,
-27.7380, -3.9140

Harmonies

Analogous

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



136.0410, 63.8170, 27.3770



135.2790, 65.2420, 7.0500



133.5630, 51.8580, -14.7180

Triad

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



135.2790, 65.2420, 7.0500



105.1380, -81.0990, -44.5790



135.5960, -38.8840, 21.8840

Complementary

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



135.2790, 65.2420, 7.0500



141.7210, -65.2420, -7.0500

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.



110.6680, -110.4490, -8.2490



135.2790, 65.2420, 7.0500



110.6270, -95.1770, -31.7290

Square

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



135.2790, 65.2420, 7.0500



123.9440, -15.9030, -36.6950



113.0840, -106.2290, -18.6530



140.8210, 9.2550, 36.0310

Rectangle

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



135.2790, 65.2420, 7.0500



131.1430, 35.1250, -25.3470



113.0840, -106.2290, -18.6530



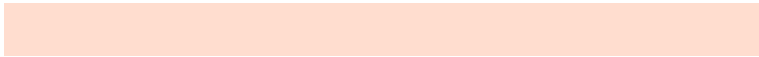
130.0170, -59.4230, 14.1530

Sweetspot

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



135.2790, 65.2420, 7.0500



229.5700, 24.7580, 2.8540



123.3470, 46.4810, 55.2250



112.2530, 15.4050, 1.6530



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.



135.2790, 65.2420, 7.0500



154.5680, 98.1610, 10.6810



171.6730, 48.1920, -25.3760



96.7510, 5.1350, 0.5510



78.3970, 85.4610, 9.5650



17.8190, 19.6230, 2.3030

Inverse Universe

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



141.7210, -65.2420, -7.0500



164.4320, -98.1610, -10.6810



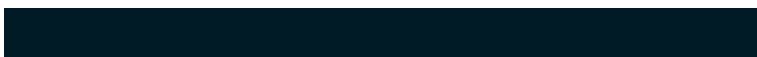
105.9140, -48.4670, 24.8530



97.2490, -5.1350, -0.5510



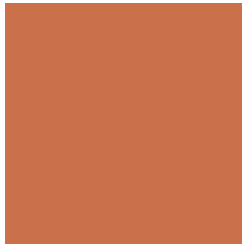
87.0160, -85.1860, -9.0420



20.1810, -19.6230, -2.3030

Previews

White Background



This preview shows how the YIQ color 135.2790, 65.2420, 7.0500 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 135.2790, 65.2420, 7.0500 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 135.2790, 65.2420, 7.0500

Background



This preview shows how black text looks on a background with the YIQ color 135.2790, 65.2420, 7.0500.



This preview shows how white text looks on a background with the YIQ color 135.2790, 65.2420,

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

135.2790, 65.2420, 7.0500

Protanopia

134.8450, 24.7610, -13.7270

Deuteranopia

135.2230, 41.3120, -10.8160



Tritanopia

137.9150, 55.2440, 23.0520

Trichromacy



Original Color

135.2790, 65.2420, 7.0500

Protanomaly

134.9010, 39.5230, -5.9250

Deuteranomaly

134.8160, 50.0680, -4.3000

Tritanomaly

137.0800, 58.9130, 17.1290

Monochromacy



Original Color

135.2790, 65.2420, 7.0500

Achromatopsia

135.0000, -0.0000, -0.0000

Achromatomaly

134.9720, 23.5660, 2.4300

CSS Examples

Text

The CSS property to change the color of the text to YIQ 135.2790, 65.2420, 7.0500 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(202, 113, 75)` looks like.

```
.text, #text, p{  
    color:rgb(202, 113, 75)  
}
```

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(202, 113, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 113, 75) }
```

Border

The CSS property to change the border of an element to YIQ 135.2790, 65.2420, 7.0500 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(202, 113, 75) }
```


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

```
.border{ border-color:rgb(202, 113, 75) }
```

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

Here you see how a box with a 4 pixel rgb(202, 113, 75) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 113, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 113, 75);  
box-shadow:4px 4px 4px 4px rgb(202, 113,  
75) }
```

Background

The CSS property to change the background color of an element to YIQ 135.2790, 65.2420, 7.0500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 113, 75) }
```

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

```
.background{ background-color: rgb(202,  
113, 75) }
```

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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