

Converting Colors

YIQ(166.5270, 43.5120, -6.6320)

Have a look what the booklet for
YIQ(166.5270, 43.5120, -6.6320)
contains.

YIQ(166.5270, 43.5120, -6.6320)	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(166.5270, 43.5120,
-6.6320)**

Conversions

Conversions Part 1

Format	Color
Hex	CC9F6B
RGB	204, 159, 107
RGB Percent	80%, 62%, 42%
CMY	0.1999, 0.3765, 0.5802
CMYK	0.00, 0.22, 0.48, 0.20
HSL	32°, 49%, 61%
HSV	32°, 48%, 80%
XYZ	39.9586, 38.6925, 19.2872
YIQ	166.5270, 43.5120, -6.6320

Conversions

Conversions Part 2

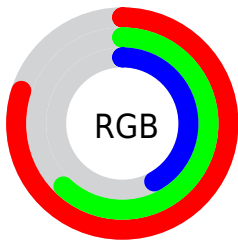
Format	Color
RYB	191, 204, 107
Decimal	13410155
CIELab	68.53, 10.22, 33.42
CIELCh	69, 34.943, 72.993
Yxy	38.6925, 0.4080, 0.3951
Android (android.graphics.Color)	4291600235 (0xFFCC9F6B)
YUV	166.5270, -29.3468, 32.8638
Hunter-Lab	62.2033, 5.8105, 25.1583

Details

The YIQ color **166.5270, 43.5120, -6.6320** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **144.4730, -43.5120, 6.6320**, and the grayscale version is **167.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **219.9890, 42.0910, -8.4130**, and **114.2600, 39.8900, -7.0700** is the 20% darker color. If you saturate the color by 10%, you get **158.9640, 52.4070, -8.1450**, and if you desaturate by 10%, it is **174.0900, 34.6170, -5.1190**.

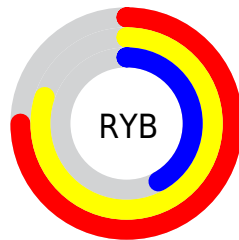
Distribution



Red (80%)

Green (62%)

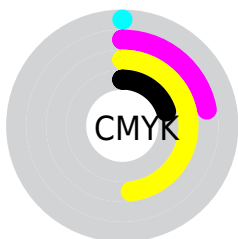
Blue (42%)



Red (75%)

Yellow (80%)

Blue (42%)

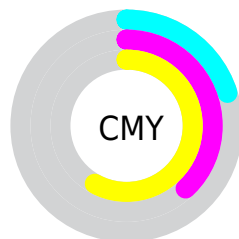


Cyan (0%)

Magenta (22%)

Yellow (48%)

Black (20%)



Cyan (20%)


Magenta (38%)


Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 166.5270, 43.5120, -6.6320 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 166.5270, 43.5120, -6.6320 by changing the saturation by 10% instead.


 166.5270, 43.5120,
-6.6320


 166.5270, 43.5120,
-6.6320


255.0000, -0.0000,
-0.0000


 139.7440, 41.4030,
-6.9570


 219.9890, 42.0910,
-8.4130


 114.2600, 39.8900,
-7.0700


 239.5030, 25.7240,
-14.6600


 88.5910, 37.4600,
-7.0840

 250.3260, 13.1610,
-12.7510

 64.6940, 35.6720,
-7.7200

 253.6320, 3.8520,
-3.7320

 42.6380, 30.0780,
-5.4580

 23.4230, 20.6780,
-0.2980

 2.9900, 5.9600,

2.1200

■ 0.0000, 0.0000,
0.0000

■ 166.5270, 43.5120,
-6.6320

■ 166.5270, 43.5120,
-6.6320

■ 158.9640, 52.4070,
-8.1450

■ 174.0900, 34.6170,
-5.1190

■ 150.7000, 61.8980,
-9.4460

■ 182.3540, 25.1260,
-3.8180

■ 143.1370, 70.7930,
-10.9590

■ 189.9170, 16.2310,
-2.3050

■ 134.8730, 80.2840,
-12.2600

■ 198.1810, 6.7400,
-1.0040

■ 127.3100, 89.1790,
-13.7730

■ 205.7440, -2.1550,
0.5090

■ 124.9790, 91.6090,
-13.7590

■ 213.8940,
-11.3250, 1.4990

■ 221.5710,
-20.5410, 3.3230

■ 228.0110,
-24.8960, -0.3520

■ 233.2940,
-27.3710, -5.0590

Harmonies

Analogous

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



168.6890, 52.4040, 8.4360



166.5270, 43.5120, -6.6320



164.0850, 23.8450, -19.1550

Triad

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



166.5270, 43.5120, -6.6320



146.7670, -72.0240, -27.3200



171.0060, 1.0040, 25.8680

Complementary

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



166.5270, 43.5120, -6.6320



144.4730, -43.5120, 6.6320

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.



166.2020, -32.1430, 15.3530



166.5270, 43.5120, -6.6320



145.9090, -86.7430, -19.3750

Square

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



166.5270, 43.5120, -6.6320



154.4920, -37.6370, -28.2690



156.4100, -65.5640, -1.2120



171.5010, 30.3470, 28.2270

Rectangle

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



166.5270, 43.5120, -6.6320



161.0550, 6.1940, -24.1580



156.4100, -65.5640, -1.2120



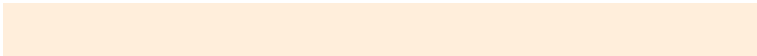
170.1510, -9.7700, 22.8860

Sweetspot

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



166.5270, 43.5120, -6.6320



240.9170, 16.2310, -2.3050



141.1330, 43.3670, 34.5590



119.0350, 10.0870, -1.0890



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.



166.5270, 43.5120, -6.6320



198.5540, 65.2450, -9.5310



192.0450, 29.3490, -30.8030



97.9250, 4.5850, -0.4950



101.8770, 74.4610, -11.3550



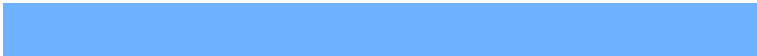
23.1020, 17.1480, -2.4040

Inverse Universe

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



144.4730, -43.5120, 6.6320



165.8590, -64.9700, 10.0540



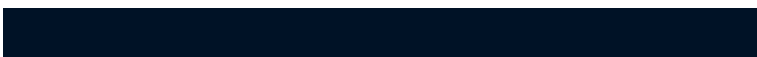
118.9550, -29.3490, 30.8030



96.0750, -4.5850, 0.4950



64.1230, -74.4610, 11.3550



14.8980, -17.1480, 2.4040

Previews

White Background



This preview shows how the YIQ color 166.5270, 43.5120, -6.6320 looks on a white background.

Color Contrast Check

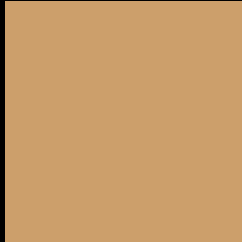
Large Text (above 18pt) WCAG AA × Fail

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 166.5270, 43.5120, -6.6320 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

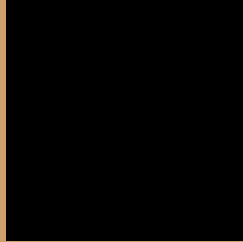
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 166.5270, 43.5120, -6.6320

Background



This preview shows how black text looks on a background with the YIQ color 166.5270, 43.5120, -6.6320.



This preview shows how white text looks on a background with the YIQ color 166.5270, 43.5120, -6.6320.

-6.6320.

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

166.5270, 43.5120, -6.6320

Protanopia

164.9870, 27.2370, -14.5470

Deuteranopia

166.5160, 42.0450, -7.5790



Tritanopia

170.4110, 30.1200, 15.8160

Trichromacy



Original Color

166.5270, 43.5120, -6.6320

Protanomaly

165.5040, 33.1510, -11.5930

Deuteranomaly

166.8150, 42.6410, -7.3670

Tritanomaly

169.1800, 34.8440, 7.2920

Monochromacy



Original Color

166.5270, 43.5120, -6.6320

Achromatopsia

167.0000, -0.0000, -0.0000

Achromatomaly

166.6180, 15.6350, -2.5170

CSS Examples

Text

The CSS property to change the color of the text to YIQ 166.5270, 43.5120, -6.6320 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(204, 159, 107)` looks like.

```
.text, #text, p{  
    color:rgb(204, 159, 107)  
}
```

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(204, 159, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 159, 107) }
```

Border

The CSS property to change the border of an element to YIQ 166.5270, 43.5120, -6.6320 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(204, 159, 107) }
```


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

```
.border{ border-color:rgb(204, 159, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 159, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 159, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 159, 107);  
box-shadow:4px 4px 4px 4px rgb(204, 159,  
107) }
```

Background

The CSS property to change the background color of an element to YIQ 166.5270, 43.5120, -6.6320 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 159, 107) }
```

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

```
.background{ background-color: rgb(204,  
159, 107) }
```

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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