

Converting Colors

YIQ(156.8560, 44.5640, 7.3480)

Have a look what the booklet for
YIQ(156.8560, 44.5640, 7.3480)
contains.

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Color

**YIQ(156.8560, 44.5640,
7.3480)**

Conversions

Conversions Part 1

Format	Color
Hex	CC8C78
RGB	204, 140, 120
RGB Percent	80%, 55%, 47%
CMY	0.1999, 0.4511, 0.5292
CMYK	0.00, 0.31, 0.41, 0.20
HSL	14°, 45%, 64%
HSV	14°, 41%, 80%
XYZ	37.6789, 32.9480, 22.1586
YIQ	156.8560, 44.5640, 7.3480

Conversions

Conversions Part 2

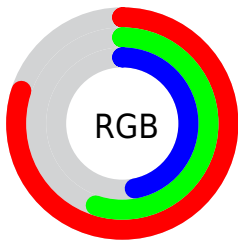
Format	Color
R_{YB}	204, 146, 120
Decimal	13405304
CIE _{Lab}	64.12, 21.96, 20.50
CIE _{LCh}	64, 30.040, 43.020
Yxy	32.9480, 0.4061, 0.3551
Android (android.graphics.Color)	4291595384 (0xFFCC8C78)
YUV	156.8560, -18.1700, 41.3453
Hunter-Lab	57.4003, 16.7210, 17.2921

Details

The YIQ color **156.8560, 44.5640, 7.3480** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **167.1440, -44.5640, -7.3480**, and the grayscale version is **157.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **209.7310, 43.4180, 6.0900**, and **104.5890, 40.9420, 6.9100** is the 20% darker color. If you saturate the color by 10%, you get **145.1840, 55.3840, 9.4960**, and if you desaturate by 10%, it is **168.5280, 33.7440, 5.2000**.

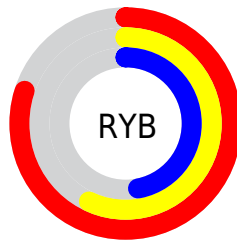
Distribution



Red (80%)

Green (55%)

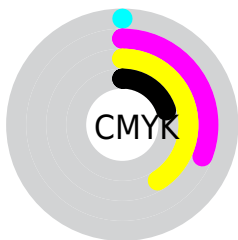
Blue (47%)



Red (80%)

Yellow (57%)

Blue (47%)

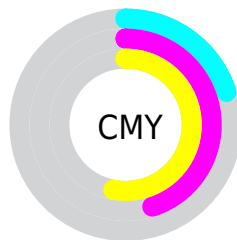


Cyan (0%)

Magenta (31%)

Yellow (41%)

Black (20%)



Cyan (20%)


Magenta (45%)

Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 156.8560, 44.5640, 7.3480 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 156.8560, 44.5640, 7.3480 by changing the saturation by 10% instead.


 156.8560, 44.5640,
7.3480


 156.8560, 44.5640,
7.3480


255.0000, -0.0000,
-0.0000

 130.3720, 43.0510,
7.2350


 209.7310, 43.4180,
6.0900


 104.5890, 40.9420,
6.9100


 229.3590, 26.7300,
0.1540

 79.6210, 37.9160,
6.6840

 249.5740, 9.7670,
-6.3050

 56.5390, 35.2110,
6.1470

 32.3000, 34.3860,
4.5780

 12.8570, 25.6280,
9.1160

 0.0000, 0.0000,

0.0000

■ 156.8560, 44.5640,
7.3480

■ 156.8560, 44.5640,
7.3480

■ 145.1840, 55.3840,
9.4960

■ 168.5280, 33.7440,
5.2000

■ 133.9850, 66.2500,
10.8100

■ 179.7270, 22.8780,
3.8860

■ 122.3130, 77.0700,
12.9580

■ 191.3990, 12.0580,
1.7380

■ 111.1140, 87.9360,
14.2720

■ 202.5980, 1.1920,
0.4240

■ 99.4420, 98.7560,
16.4200

■ 214.2700, -9.6280,
-1.7240

■ 89.1720, 108.3840,
18.1440

■ 225.3550,
-20.1730, -3.3490

■ 236.2290,
-28.7460, -7.6740

■ 239.7510,
-30.3960, -10.8120

Harmonies

Analogous

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



158.2660, 40.8940, 18.7980



156.8560, 44.5640, 7.3480



154.7590, 37.0470, -5.1050

Triad

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



156.8560, 44.5640, 7.3480



144.9490, -31.4940, -23.9580



154.9590, -27.1450, 12.8790

Complementary

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



156.8560, 44.5640, 7.3480



167.1440, -44.5640, -7.3480

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.



147.2820, -53.4600, -0.3080



156.8560, 44.5640, 7.3480



140.2420, -57.1240, -22.0200

Square

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



156.8560, 44.5640, 7.3480



149.4330, -3.6180, -22.5460



140.4230, -67.5790, -14.2590



158.7840, 1.5090, 22.2210

Rectangle

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



156.8560, 44.5640, 7.3480



153.7420, 26.5490, -13.0910



140.4230, -67.5790, -14.2590



153.0610, -36.3600, 9.1760

Sweetspot

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



156.8560, 44.5640, 7.3480



237.9650, 16.2760, 2.3880



152.4120, 29.5200, 37.7120



117.7300, 9.6280, 1.7240



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.



156.8560, 44.5640, 7.3480



184.9850, 66.2500, 10.8100



181.5100, 33.0140, -14.6180



96.1640, 5.4100, 1.0740



72.5270, 88.2110, 14.7950



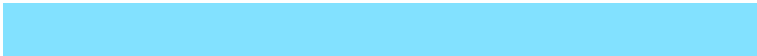
16.6450, 20.1730, 3.3490

Inverse Universe

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



167.1440, -44.5640, -7.3480



200.0150, -66.2500, -10.8100



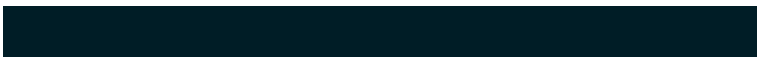
142.4900, -33.0140, 14.6180



97.8360, -5.4100, -1.0740



92.8860, -87.9360, -14.2720



21.3550, -20.1730, -3.3490

Previews

White Background



This preview shows how the YIQ color 156.8560, 44.5640, 7.3480 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 156.8560, 44.5640, 7.3480 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

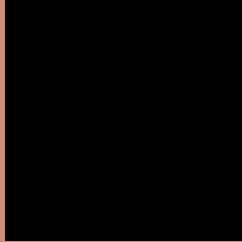
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 156.8560, 44.5640, 7.3480

Background



This preview shows how black text looks on a background with the YIQ color 156.8560, 44.5640, 7.3480.



This preview shows how white text looks on a background with the YIQ color 156.8560, 44.5640,

7.3480.

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

156.8560, 44.5640, 7.3480

Protanopia

154.7980, 14.9480, -6.5880

Deuteranopia

155.6320, 30.2150, -2.4330



Tritanopia

158.0700, 38.5100, 17.9500

Trichromacy



Original Color

156.8560, 44.5640, 7.3480

Protanomaly

155.7070, 25.6300, -1.9380

Deuteranomaly

156.3770, 35.4870, 1.1430

Tritanomaly

157.3320, 40.5280, 14.4160

Monochromacy



Original Color

156.8560, 44.5640, 7.3480

Achromatopsia

157.0000, 0.0000, -0.0000

Achromatomaly

157.0790, 15.9550, 2.6990

CSS Examples

Text

The CSS property to change the color of the text to YIQ 156.8560, 44.5640, 7.3480 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, 140, 120)` looks like.

```
.text, #text, p{  
    color:rgb(204, 140, 120)  
}
```

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, 140, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 140, 120) }
```

Border

The CSS property to change the border of an element to YIQ 156.8560, 44.5640, 7.3480 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, 140, 120) }
```


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

```
.border{ border-color:rgb(204, 140, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 140, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 140, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 140, 120);  
box-shadow:4px 4px 4px 4px rgb(204, 140,  
120) }
```

Background

The CSS property to change the background color of an element to YIQ 156.8560, 44.5640, 7.3480 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 140, 120) }
```

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

```
.background{ background-color: rgb(204,  
140, 120) }
```

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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