

Converting Colors

YIQ(146.9520, 44.6540, 16.7340)

Have a look what the booklet for
YIQ(146.9520, 44.6540, 16.7340)
contains.

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Color

**YIQ(146.9520, 44.6540,
16.7340)**

Conversions

Conversions Part 1

Format	Color
Hex	C87C7E
RGB	200, 124, 126
RGB Percent	78%, 49%, 49%
CMY	0.2155, 0.5138, 0.5057
CMYK	0.00, 0.38, 0.37, 0.22
HSL	358°, 41%, 64%
HSV	358°, 38%, 78%
XYZ	34.8043, 28.2006, 23.3627
YIQ	146.9520, 44.6540, 16.7340

Conversions

Conversions Part 2

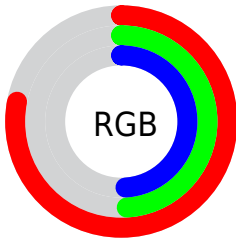
Format	Color
R_{YB}	200, 124, 126
Decimal	13139070
CIE Lab	60.07, 29.83, 11.42
CIE LCh	60, 31.939, 20.951
Yxy	28.2006, 0.4030, 0.3265
Android (android.graphics.Color)	4291329150 (0xFFC87C7E)
YUV	146.9520, -10.3293, 46.5231
Hunter-Lab	53.1042, 24.0557, 11.0889

Details

The YIQ color **146.9520, 44.6540, 16.7340** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **177.0480, -44.6540, -16.7340**, and the grayscale version is **147.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **200.5500, 45.8460, 17.1580**, and **95.2720, 40.7570, 15.7730** is the 20% darker color. If you saturate the color by 10%, you get **133.0460, 56.2530, 21.2850**, and if you desaturate by 10%, it is **160.9720, 32.7340, 12.4940**.

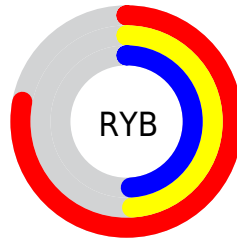
Distribution



Red (78%)

Green (49%)

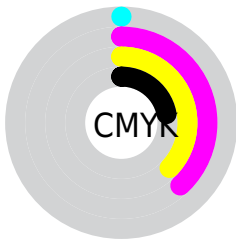
Blue (49%)



Red (78%)

Yellow (49%)

Blue (49%)

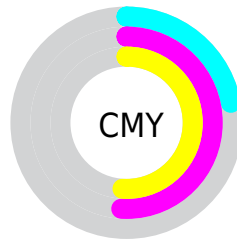


Cyan (0%)

Magenta (38%)

Yellow (37%)

Black (22%)



Cyan (22%)


Magenta (51%)


Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 146.9520, 44.6540, 16.7340 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 146.9520, 44.6540, 16.7340 by changing the saturation by 10% instead.


 146.9520, 44.6540,
16.7340


 146.9520, 44.6540,
16.7340


255.0000, -0.0000,
-0.0000


 120.4680, 43.1410,
16.6210


 200.5500, 45.8460,
17.1580


 95.2720, 40.7570,
15.7730


 220.0640, 29.4790,
10.9110

 70.1900, 38.0520,
15.2360

 240.2790, 12.5160,
4.4520

 45.9340, 35.8970,
15.7450

 20.9770, 34.3380,
16.4660

 12.9710, 25.3070,
9.4270

 0.0000, 0.0000,

0.0000

■ 146.9520, 44.6540,
16.7340

■ 146.9520, 44.6540,
16.7340

■ 133.0460, 56.2530,
21.2850

■ 160.9720, 32.7340,
12.4940

■ 119.0260, 68.1730,
25.5250

■ 174.8780, 21.1350,
7.9430

■ 105.1200, 79.7720,
30.0760

■ 188.7840, 9.5360,
3.3920

■ 91.1000, 91.6920,
34.3160

■ 202.8040, -2.3840,
-0.8480

■ 77.1940, 103.2910,
38.8670

■ 216.7100,
-13.9830, -5.3990

■ 63.1740, 115.2110,
43.1070

■ 230.7300,
-25.9030, -9.6390

■ 60.3700, 117.5950,
43.9550

■ 238.5550,
-32.7800, -11.6600

Harmonies

Analogous

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



148.3500, 32.0900, 24.1700



146.9520, 44.6540, 16.7340



145.6340, 45.0690, 3.7010

Triad

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



146.9520, 44.6540, 16.7340



137.0730, -11.4120, -24.4680



138.0590, -51.2140, 3.0420

Complementary

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



146.9520, 44.6540, 16.7340



177.0480, -44.6540, -16.7340

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.



127.3450, -76.1070, -13.8910



146.9520, 44.6540, 16.7340



131.4470, -41.7640, -25.0600

Square

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



146.9520, 44.6540, 16.7340



140.8930, 15.6380, -19.0980



124.8750, -72.2080, -23.9840



145.8890, -20.9560, 16.3560

Rectangle

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



146.9520, 44.6540, 16.7340



144.4280, 39.4770, -5.0910



124.8750, -72.2080, -23.9840



134.6940, -60.6120, -2.8520

Sweetspot

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



146.9520, 44.6540, 16.7340



235.4860, 16.3670, 6.2470



154.7900, 19.7080, 39.3240



116.0830, 10.1320, 3.6040



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.



146.9520, 44.6540, 16.7340



173.3250, 68.7690, 25.7370



167.2690, 35.6710, -2.1930



92.6910, 5.3640, 1.9080



49.1930, 95.8640, 35.8000



10.8780, 21.1350, 7.9430

Inverse Universe

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



146.9520, 44.6540, 16.7340



173.3250, 68.7690, 25.7370



156.7310, -35.6710, 2.1930



92.6910, 5.3640, 1.9080



49.1930, 95.8640, 35.8000



10.8780, 21.1350, 7.9430

Previews

White Background



This preview shows how the YIQ color 146.9520, 44.6540, 16.7340 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 146.9520, 44.6540, 16.7340 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

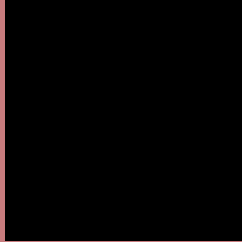
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 146.9520, 44.6540, 16.7340

Background



This preview shows how black text looks on a background with the YIQ color 146.9520, 44.6540, 16.7340.



This preview shows how white text looks on a background with the YIQ color 146.9520, 44.6540,

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

146.9520, 44.6540, 16.7340

Protanopia

145.5830, 5.5480, -1.4280

Deuteranopia

146.1350, 21.5490, 0.4370



Tritanopia

147.3480, 43.5990, 19.3350

Trichromacy



Original Color

146.9520, 44.6540, 16.7340

Protanomaly

145.8130, 19.7600, 5.3280

Deuteranomaly

146.3150, 30.0300, 6.4300

Tritanomaly

147.1200, 44.2410, 18.7130

Monochromacy



Original Color

146.9520, 44.6540, 16.7340

Achromatopsia

147.0000, -0.0000, 0.0000

Achromatomaly

147.0730, 16.0920, 5.7240

CSS Examples

Text

The CSS property to change the color of the text to YIQ 146.9520, 44.6540, 16.7340 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(200, 124, 126)` looks like.

```
.text, #text, p{  
    color:rgb(200, 124, 126)  
}
```

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(200, 124, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 124, 126) }
```

Border

The CSS property to change the border of an element to YIQ 146.9520, 44.6540, 16.7340 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(200, 124, 126) }
```


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

```
.border{ border-color:rgb(200, 124, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 124, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 124, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 124, 126);  
box-shadow:4px 4px 4px 4px rgb(200, 124,  
126) }
```

Background

The CSS property to change the background color of an element to YIQ 146.9520, 44.6540, 16.7340 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 124, 126) }
```

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

```
.background{ background-color: rgb(200,  
124, 126) }
```

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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