

Converting Colors

YIQ(133.8200, 45.3860, 25.4980)

Have a look what the booklet for
YIQ(133.8200, 45.3860, 25.4980)
contains.

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Color

**YIQ(133.8200, 45.3860,
25.4980)**

Conversions

Conversions Part 1

Format	Color
Hex	C1697F
RGB	193, 105, 127
RGB Percent	76%, 41%, 50%
CMY	0.2429, 0.5884, 0.5018
CMYK	0.00, 0.46, 0.34, 0.24
HSL	345°, 42%, 58%
HSV	345°, 46%, 76%
XYZ	30.8881, 22.9740, 22.8993
YIQ	133.8200, 45.3860, 25.4980

Conversions

Conversions Part 2

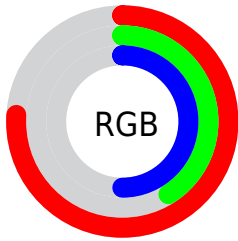
Format	Color
R_{YB}	193, 105, 127
Decimal	12675455
CIE Lab	55.05, 37.53, 3.56
CIE LCh	55, 37.697, 5.411
Yxy	22.9740, 0.4024, 0.2993
Android (android.graphics.Color)	4290865535 (0xFFC1697F)
YUV	133.8200, -3.3623, 51.9009
Hunter-Lab	47.9312, 31.1507, 5.2257

Details

The YIQ color **133.8200, 45.3860, 25.4980** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **164.1800, -45.3860, -25.4980**, and the grayscale version is **134.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **188.6140, 48.9620, 26.7700**, and **81.5530, 41.7640, 25.0600** is the 20% darker color. If you saturate the color by 10%, you get **121.0710, 55.1050, 31.0810**, and if you desaturate by 10%, it is **146.6830, 35.3460, 20.2260**.

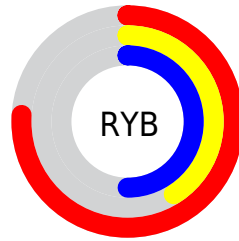
Distribution



Red (76%)

Green (41%)

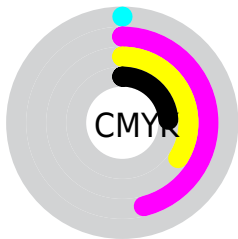
Blue (50%)



Red (76%)

Yellow (41%)

Blue (50%)

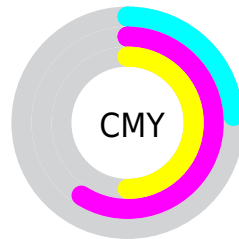


Cyan (0%)

Magenta (46%)

Yellow (34%)

Black (24%)



Cyan (24%)

Magenta (59%)

Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 133.8200, 45.3860, 25.4980 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 133.8200, 45.3860, 25.4980 by changing the saturation by 10% instead.


 133.8200, 45.3860,
25.4980


 133.8200, 45.3860,
25.4980


255.0000, -0.0000,
-0.0000


 107.3360, 43.8730,
25.3850


 188.6140, 48.9620,
26.7700

 81.5530, 41.7640,
25.0600


 208.4380, 34.6580,
21.6820


 55.8840, 39.3340,
25.0460

 228.6530, 17.6950,
15.2230

 28.6930, 38.5540,
28.1700

 247.3690, 3.5750,
6.7990

 18.4110, 30.1200,
15.8160

 9.0840, 17.5590,
6.6710

 0.0000, 0.0000,

0.0000

■ 133.8200, 45.3860,
25.4980

■ 133.8200, 45.3860,
25.4980

■ 121.0710, 55.1050,
31.0810

■ 146.6830, 35.3460,
20.2260

■ 107.6210, 65.4200,
36.8760

■ 160.0190, 25.3520,
14.1200

■ 94.8720, 75.1390,
42.4590

■ 172.7680, 15.6330,
8.5370

■ 82.0090, 85.1790,
47.7310

■ 185.6310, 5.5930,
3.2650

■ 68.6730, 95.1730,
53.8370

■ 198.3800, -4.1260,
-2.3180

■ 63.1790, 99.6200,
55.8440

■ 211.8300,
-14.4410, -8.1130

■ 224.5790,
-24.1600, -13.6960

■ 235.0940,
-33.1000, -16.8760

■ 236.4620,
-36.9520, -13.1440

Harmonies

Analogous

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



135.7330, 23.8820, 29.7540



133.8200, 45.3860, 25.4980



132.6230, 52.7700, 12.8180

Triad

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



133.8200, 45.3860, 25.4980



125.0330, 3.2600, -26.0520



105.0140, -100.0400, -15.1760

Complementary

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



133.8200, 45.3860, 25.4980



164.1800, -45.3860, -25.4980

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.



105.5550, -94.6740, -24.3220



133.8200, 45.3860, 25.4980



118.6620, -32.3640, -30.2200

Square

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



133.8200, 45.3860, 25.4980



128.5480, 29.8510, -17.8690



103.0810, -84.9520, -35.3200



127.4390, -46.1720, 10.7880

Rectangle

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



133.8200, 45.3860, 25.4980



131.2170, 50.6170, 2.2730



103.0810, -84.9520, -35.3200



106.2050, -99.2600, -18.3000

Sweetspot

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



133.8200, 45.3860, 25.4980



226.4910, 17.9710, 10.2190



134.4670, 10.4920, 41.1480



110.8490, 10.9110, 6.0070



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



133.8200, 45.3860, 25.4980



157.2520, 71.0130, 40.1410



143.6390, 46.6730, 7.6730



90.3320, 4.9970, 3.0530



52.6990, 83.1160, 46.5720



10.7790, 17.1000, 9.4840

Inverse Universe

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



133.8200, 45.3860, 25.4980



157.2520, 71.0130, 40.1410



154.9480, -46.9480, -8.1960



90.3320, 4.9970, 3.0530



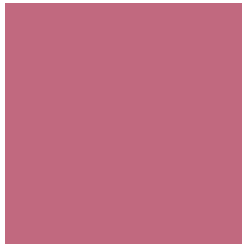
52.6990, 83.1160, 46.5720



10.7790, 17.1000, 9.4840

Previews

White Background



This preview shows how the YIQ color 133.8200, 45.3860, 25.4980 looks on a white background.

Color Contrast Check

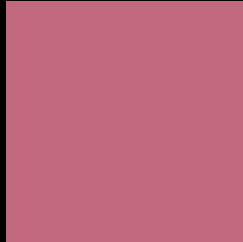
Large Text (above 18pt) WCAG AA ✓ Pass

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 133.8200, 45.3860, 25.4980 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

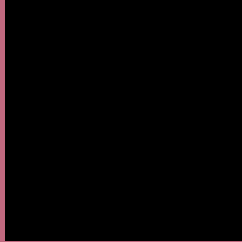
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 133.8200, 45.3860, 25.4980

Background



This preview shows how black text looks on a background with the YIQ color 133.8200, 45.3860, 25.4980.



This preview shows how white text looks on a background with the YIQ color 133.8200, 45.3860,

25.4980.

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

133.8200, 45.3860, 25.4980

Protanopia

132.5530, -2.9350, 3.6330

Deuteranopia

133.4100, 13.5250, 2.6850



Tritanopia

133.3270, 48.0920, 20.5080

Trichromacy



Original Color

133.8200, 45.3860, 25.4980

Protanomaly

133.2780, 14.2570, 11.4490

Deuteranomaly

133.6120, 24.9400, 10.5720

Tritanomaly

133.1960, 47.0830, 22.2750

Monochromacy



Original Color

133.8200, 45.3860, 25.4980

Achromatopsia

134.0000, -0.0000, -0.0000

Achromatomaly

133.4800, 16.5040, 9.2720

CSS Examples

Text

The CSS property to change the color of the text to YIQ 133.8200, 45.3860, 25.4980 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(193, 105, 127)` looks like.

```
.text, #text, p{  
    color:rgb(193, 105, 127)  
}
```

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(193, 105, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 105, 127) }
```

Border

The CSS property to change the border of an element to YIQ 133.8200, 45.3860, 25.4980 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(193, 105, 127) }
```


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

```
.border{ border-color:rgb(193, 105, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 105, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 105, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 105, 127);  
box-shadow:4px 4px 4px 4px rgb(193, 105,  
127) }
```

Background

The CSS property to change the background color of an element to YIQ 133.8200, 45.3860, 25.4980 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 105, 127) }
```

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

```
.background{ background-color: rgb(193,  
105, 127) }
```

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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