

Converting Colors

YIQ(147.5290, 25.1170, 45.9250)

Have a look what the booklet for
YIQ(147.5290, 25.1170, 45.9250)
contains.

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Color

**YIQ(147.5290, 25.1170,
45.9250)**

Conversions

Conversions Part 1

Format	Color
Hex	C86FC6
RGB	200, 111, 198
RGB Percent	78%, 44%, 78%
CMY	0.2154, 0.5648, 0.2235
CMYK	0.00, 0.45, 0.01, 0.22
HSL	301°, 45%, 61%
HSV	301°, 45%, 78%
XYZ	39.7119, 27.7271, 56.6899
YIQ	147.5290, 25.1170, 45.9250

Conversions

Conversions Part 2

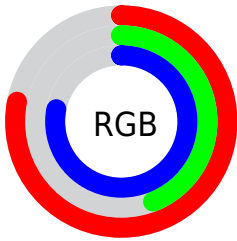
Format	Color
RYB	200, 111, 198
Decimal	13135814
CIELab	59.64, 47.75, -30.48
CIElCh	60, 56.651, 327.450
Yxy	27.7271, 0.3199, 0.2234
Android (android.graphics.Color)	4291325894 (0xFFC86FC6)
YUV	147.5290, 24.8822, 46.0171
Hunter-Lab	52.6565, 42.4704, -26.9719

Details

The YIQ color $147.5290, 25.1170, 45.9250$ is a light color, and the websafe version is hex $CC66CC$. A complement of this color would be $163.4710, -25.1170, -45.9250$, and the grayscale version is $147.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $202.1700, 24.7500, 47.0700$, and $94.1050, 23.3750, 44.4550$ is the 20% darker color. If you saturate the color by 10%, you get $135.7890, 30.6170, 56.3850$, and if you desaturate by 10%, it is $159.2690, 19.6170, 35.4650$.

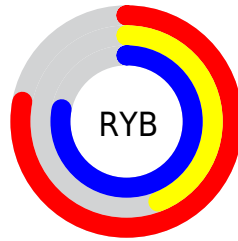
Distribution



Red (78%)

Green (44%)

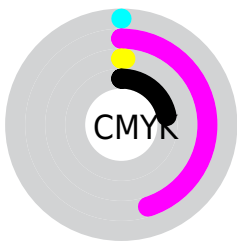
Blue (78%)



Red (78%)

Yellow (44%)

Blue (78%)

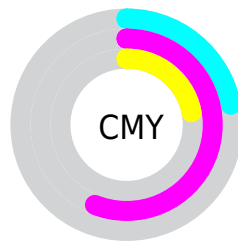


Cyan (0%)

Magenta (45%)

Yellow (1%)

Black (22%)



Cyan (22%)

Magenta (56%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 147.5290, 25.1170, 45.9250 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 147.5290, 25.1170, 45.9250 by changing the saturation by 10% instead.

147.5290, 25.1170,
45.9250

147.5290, 25.1170,
45.9250

255.0000, -0.0000,
-0.0000

120.8170, 24.2460,
45.1900

202.1700, 24.7500,
47.0700

94.1050, 23.3750,
44.4550

218.6060, 17.0500,
32.4260

66.6320, 23.3290,
45.2890

235.0420, 9.3500,
17.7820

37.8110, 24.3830,
48.2150

252.6520, 1.1000,
2.0920

27.3010, 16.5910,
35.2390

18.5140, 11.1370,
23.9450

2.7360, -7.7040,

7.4640

■ 0.0000, 0.0000,
0.0000

■ 147.5290, 25.1170,
45.9250

■ 147.5290, 25.1170,
45.9250

■ 135.7890, 30.6170,
56.3850

■ 159.2690, 19.6170,
35.4650

■ 123.9350, 36.4380,
66.5340

■ 171.1230, 13.7960,
25.3160

■ 112.1950, 41.9380,
76.9940

■ 182.8630, 8.2960,
14.8560

■ 100.3410, 47.7590,
87.1430

■ 194.7170, 2.4750,
4.7070

■ 88.6010, 53.2590,
97.6030

■ 206.4570, -3.0250,
-5.7530

■ 82.0300, 56.6050,
103.0450

■ 218.3110, -8.8460,
-15.9020

■ 230.0510,
-14.3460, -26.3620

■ 232.5130,
-15.7670, -28.1430

Harmonies

Analogous

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



144.8950, -29.1200, 32.1600



147.5290, 25.1170, 45.9250



142.8090, 62.2550, 44.6790

Triad

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



147.5290, 25.1170, 45.9250



137.7830, 53.6940, -25.9700



119.4610, -106.2730, -28.8730

Complementary

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



147.5290, 25.1170, 45.9250



163.4710, -25.1170, -45.9250

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.



113.7610, -90.2230, -44.4230



147.5290, 25.1170, 45.9250



133.1310, 17.0630, -39.4250

Square

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



147.5290, 25.1170, 45.9250



140.2550, 73.8170, 0.3210



121.7450, -40.5680, -46.7440



120.9720, -117.4170, -14.1290

Rectangle

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



147.5290, 25.1170, 45.9250



141.7160, 75.2780, 34.4300



121.7450, -40.5680, -46.7440



118.2240, -101.4120, -34.3720

Sweetspot

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



147.5290, 25.1170, 45.9250



235.5150, 9.3960, 16.9480



121.4450, -27.9730, 27.8910



115.5590, 6.0960, 10.6720



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.



147.5290, 25.1170, 45.9250



175.4130, 38.0880, 69.6720



142.5130, 39.2410, 32.2410



93.7170, 2.4750, 4.7070



66.8630, 46.1090, 84.0050



14.7540, 10.2210, 18.5170

Inverse Universe

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



147.5290, 25.1170, 45.9250



175.4130, 38.0880, 69.6720



168.4870, -39.2410, -32.2410



93.7170, 2.4750, 4.7070



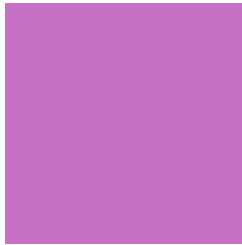
66.8630, 46.1090, 84.0050



14.7540, 10.2210, 18.5170

Previews

White Background



This preview shows how the YIQ color 147.5290, 25.1170, 45.9250 looks on a white background.

Color Contrast Check

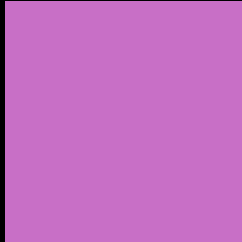
Large Text (above 18pt) WCAG AA ✓ Pass

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 147.5290, 25.1170, 45.9250 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

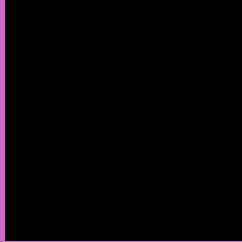
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 147.5290, 25.1170, 45.9250

Background



This preview shows how black text looks on a background with the YIQ color 147.5290, 25.1170, 45.9250.



This preview shows how white text looks on a background with the YIQ color 147.5290, 25.1170,

45.9250.

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

147.5290, 25.1170, 45.9250

Protanopia

142.5740, -41.8180, 19.9900

Deuteranopia

144.4110, -22.6060, 13.2180



Tritanopia

146.1730, 36.7220, 17.3140

Trichromacy



Original Color

147.5290, 25.1170, 45.9250



Protanomaly

144.3600, -17.4280, 29.5160



Deuteranomaly

145.6570, -5.3230, 24.8930



Tritanomaly

146.7570, 32.5020, 27.7180

Monochromacy



Original Color

147.5290, 25.1170, 45.9250



Achromatopsia

148.0000, -0.0000, 0.0000



Achromatomaly

148.1020, 9.1210, 16.4250

CSS Examples

Text

The CSS property to change the color of the text to YIQ 147.5290, 25.1170, 45.9250 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, 111, 198)` looks like.

```
.text, #text, p{  
    color:rgb(200, 111, 198)  
}
```

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, 111, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 111, 198) }
```

Border

The CSS property to change the border of an element to YIQ 147.5290, 25.1170, 45.9250 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, 111, 198) }
```


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

```
.border{ border-color:rgb(200, 111, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 111, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 111, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 111, 198);  
box-shadow:4px 4px 4px 4px rgb(200, 111,  
198) }
```

Background

The CSS property to change the background color of an element to YIQ 147.5290, 25.1170, 45.9250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 111, 198) }
```

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

```
.background{ background-color: rgb(200,  
111, 198) }
```

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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