

Converting Colors

YIQ(117.5230, -45.8080,
26.2240)

Have a look what the booklet for
YIQ(117.5230, -45.8080, 26.2240)
contains.

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Color

**YIQ(117.5230, -45.8080,
26.2240)**

Conversions

Conversions Part 1

Format	Color
Hex	5A71D5
RGB	90, 113, 213
RGB Percent	35%, 44%, 84%
CMY	0.6470, 0.5568, 0.1650
CMYK	0.58, 0.47, 0.00, 0.16
HSL	229°, 59%, 59%
HSV	229°, 58%, 84%
XYZ	22.1247, 18.7870, 65.3669
YIQ	117.5230, -45.8080, 26.2240

Conversions

Conversions Part 2

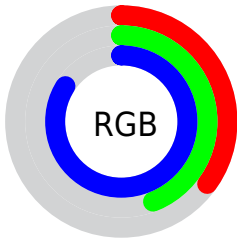
Format	Color
R_{YB}	90, 109, 213
Decimal	5927381
CIE _{Lab}	50.44, 21.21, -54.17
CIE _{LCh}	50, 58.175, 291.380
Yxy	18.7870, 0.2082, 0.1768
Android (android.graphics.Color)	4284117461 (0xFF5A71D5)
YUV	117.5230, 47.0702, -24.1377
Hunter-Lab	43.3439, 15.2626, -59.0744

Details

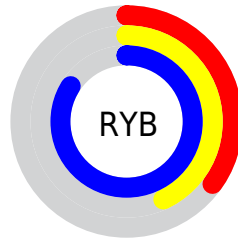
The YIQ color **117.5230, -45.8080, 26.2240** is a dark color, and the websafe version is hex **6666CC**. The color can be described as middle muted azure. A complement of this color would be **185.4770, 45.8080, -26.2240**, and the grayscale version is **117.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **169.8890, -38.1510, 25.1210**, and **60.9400, -60.5240, 17.5880** is the 20% darker color. If you saturate the color by 10%, you get **101.2650, -53.6490, 30.6630**, and if you desaturate by 10%, it is **133.7810, -37.9670, 21.7850**.

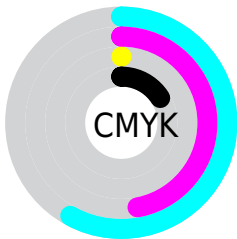
Distribution



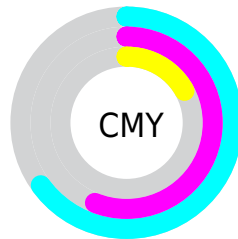
- Red (35%)
- Green (44%)
- Blue (84%)



- Red (35%)
- Yellow (43%)
- Blue (84%)



- Cyan (58%)
- Magenta (47%)
- Yellow (0%)
- Black (16%)



- Cyan (65%)
- Magenta (56%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 117.5230, -45.8080, 26.2240 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 117.5230, -45.8080, 26.2240 by changing the saturation by 10% instead.

■ 117.5230,
-45.8080, 26.2240

■ 117.5230,
-45.8080, 26.2240

■ 255.0000, -0.0000,
-0.0000

■ 90.6750, -49.2920,
23.2840

■ 169.8890,
-38.1510, 25.1210

■ 60.8260, -60.2030,
17.2770

■ 194.4090,
-28.2920, 17.1480

■ 40.7620, -54.1510,
17.7290

■ 219.5160,
-18.7080, 8.6520

■ 26.6450, -40.5800,
19.5800

■ 245.5090, -8.8030,
-0.1550

■ 9.1200, -25.6800,
24.8800

■ 9.3190, -19.3510,
14.8010

■ 5.0500, -11.4640,

9.5280

■ 0.9120, -2.5680,
2.4880

■ 0.0000, 0.0000,
0.0000

■ 117.5230,
-45.8080, 26.2240

■ 117.5230,
-45.8080, 26.2240

■ 101.2650,
-53.6490, 30.6630

■ 133.7810,
-37.9670, 21.7850

■ 84.1210, -61.8110,
35.4130

■ 150.9250,
-29.8050, 17.0350

■ 67.8630, -69.6520,
39.8520

■ 167.1830,
-21.9640, 12.5960

■ 51.6050, -77.4930,
44.2910

■ 183.4410,
-14.1230, 8.1570

■ 47.7620, -79.3730,
45.3230

■ 200.2860, -6.5570,
3.1950

■ 216.8430, 1.8800,
-1.0320

■ 233.1010, 9.7210,
-5.4710

■ 247.8640, 14.5820,
-10.9700

■ 250.2120, 13.4820,
-13.0620

Harmonies

Analogous

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



101.1620, -105.7280, -0.1920



117.5230, -45.8080, 26.2240



123.0270, 14.8470, 44.8230

Triad

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



117.5230, -45.8080, 26.2240



115.6020, 74.4580, 5.2260



95.2100, -72.4340, -41.9220

Complementary

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



117.5230, -45.8080, 26.2240



185.4770, 45.8080, -26.2240

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.



99.1330, -29.9770, -45.9530



117.5230, -45.8080, 26.2240



112.9750, 61.9010, -26.0270

Square

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



117.5230, -45.8080, 26.2240



114.9610, 75.9660, 32.9740



108.4820, 29.0760, -42.3800



101.6110, -89.0800, -26.5840

Rectangle

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



117.5230, -45.8080, 26.2240



119.7610, 45.0150, 48.7510



108.4820, 29.0760, -42.3800



92.5710, -66.3810, -46.9970

Sweetspot

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



117.5230, -45.8080, 26.2240



221.5980, -16.0030, 9.1890



173.3730, -65.2830, -33.8510



107.8990, -9.7210, 5.4710



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.



117.5230, -45.8080, 26.2240



118.4350, -65.5710, 37.4770



115.0850, -17.4310, 46.0970



98.4280, -4.0810, 2.3750



38.2780, -63.6910, 36.4450



9.5980, -16.0030, 9.1890

Inverse Universe

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



129.3990, 65.9250, 33.2290



135.3860, 94.3030, 47.5750



187.9150, 17.4310, -46.0970



99.5170, 5.9140, 2.9540



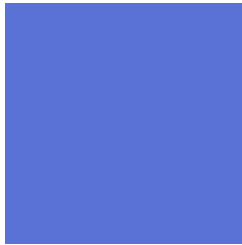
54.7770, 91.6440, 46.2040



13.7690, 23.0600, 11.6040

Previews

White Background



This preview shows how the YIQ color 117.5230, -45.8080, 26.2240 looks on a white background.

Color Contrast Check

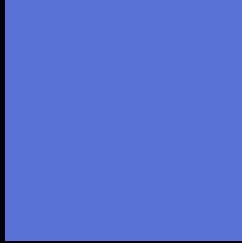
Large Text (above 18pt) WCAG AA ✓ Pass

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 117.5230, -45.8080, 26.2240 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 117.5230, -45.8080, 26.2240

Background



This preview shows how black text looks on a background with the YIQ color 117.5230, -45.8080, 26.2240.



This preview shows how white text looks on a background with the YIQ color 117.5230, -45.8080,

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

117.5230, -45.8080, 26.2240

Protanopia

113.9450, -58.9200, 21.5600

Deuteranopia

106.7420, -77.7620, 10.6060



Tritanopia

110.2100, -44.9300, -11.7300

Trichromacy



Original Color

117.5230, -45.8080, 26.2240

Protanomaly

115.3370, -54.1520, 23.2560

Deuteranomaly

110.7760, -65.9340, 16.5140

Tritanomaly

113.0550, -45.3910, 2.1370

Monochromacy



Original Color

117.5230, -45.8080, 26.2240

Achromatopsia

118.0000, 0.0000, -0.0000

Achromatomaly

117.8260, -16.6450, 9.8110

CSS Examples

Text

The CSS property to change the color of the text to YIQ 117.5230, -45.8080, 26.2240 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(90, 113, 213)` looks like.

```
.text, #text, p{  
    color:rgb(90, 113, 213)  
}
```

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(90, 113, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 113, 213) }
```

Border

The CSS property to change the border of an element to YIQ 117.5230, -45.8080, 26.2240 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(90, 113, 213) }
```


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

```
.border{ border-color:rgb(90, 113, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(90, 113, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 113, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 113, 213);  
box-shadow:4px 4px 4px 4px rgb(90, 113,  
213) }
```

Background

The CSS property to change the background color of an element to YIQ 117.5230, -45.8080, 26.2240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 113, 213) }
```

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

```
.background{ background-color: rgb(90, 113,  
213) }
```

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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