

Converting Colors

YIQ(121.7140, -45.0280,
23.1000)

Have a look what the booklet for
YIQ(121.7140, -45.0280, 23.1000)
contains.

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Color

**YIQ(121.7140, -45.0280,
23.1000)**

Conversions

Conversions Part 1

Format	Color
Hex	5D77D3
RGB	93, 119, 211
RGB Percent	36%, 47%, 83%
CMY	0.6353, 0.5333, 0.1728
CMYK	0.56, 0.44, 0.00, 0.17
HSL	227°, 57%, 60%
HSV	227°, 56%, 83%
XYZ	22.8621, 20.2234, 64.2847
YIQ	121.7140, -45.0280, 23.1000

Conversions

Conversions Part 2

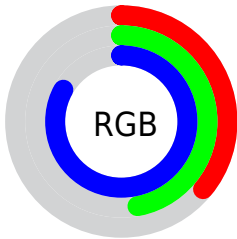
Format	Color
R _Y B	93, 114, 211
Decimal	6125523
CIE Lab	52.09, 17.47, -50.39
CIE LCh	52, 53.329, 289.120
Yxy	20.2234, 0.2129, 0.1884
Android (android.graphics.Color)	4284315603 (0xFF5D77D3)
YUV	121.7140, 44.0180, -25.1822
Hunter-Lab	44.9704, 12.0479, -53.2751

Details

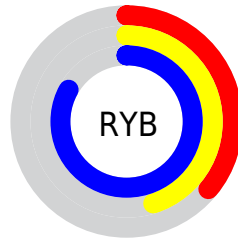
The YIQ color **121.7140, -45.0280, 23.1000** is a dark color, and the websafe version is hex **3366CC**. The color can be described as middle muted azure. A complement of this color would be **182.2860, 45.0280, -23.1000**, and the grayscale version is **121.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **174.5960, -38.8840, 21.8840**, and **66.9360, -54.7010, 16.6830** is the 20% darker color. If you saturate the color by 10%, you get **106.0430, -53.1440, 27.0160**, and if you desaturate by 10%, it is **137.3850, -36.9120, 19.1840**.

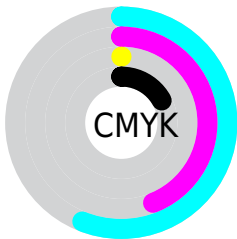
Distribution



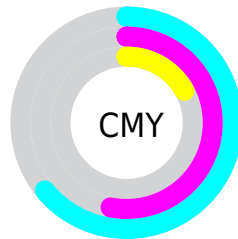
- Red (36%)
- Green (47%)
- Blue (83%)



- Red (36%)
- Yellow (45%)
- Blue (83%)



- Cyan (56%)
- Magenta (44%)
- Yellow (0%)
- Black (17%)



- Cyan (64%)
- Magenta (53%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 121.7140, -45.0280, 23.1000 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 121.7140, -45.0280, 23.1000 by changing the saturation by 10% instead.

■ 121.7140,
-45.0280, 23.1000

■ 121.7140,
-45.0280, 23.1000

■ 255.0000, -0.0000,
-0.0000

■ 95.4640, -47.3200,
20.5840

■ 174.5960,
-38.8840, 21.8840

■ 66.9360, -54.7010,
16.6830

■ 199.1160,
-29.0250, 13.9110

■ 43.4690, -54.8840,
14.4920

■ 224.2230,
-19.4410, 5.4150

■ 28.8790, -41.3590,
17.1770

■ 250.2160, -9.5360,
-3.3920

■ 11.3540, -26.4590,
22.4770

■ 9.2050, -19.0300,
14.4900

■ 4.9360, -11.1430,

9.2170

■ 0.6840, -1.9260,
1.8660

■ 0.0000, 0.0000,
0.0000

■ 121.7140,
-45.0280, 23.1000

■ 121.7140,
-45.0280, 23.1000

■ 106.0430,
-53.1440, 27.0160

■ 137.3850,
-36.9120, 19.1840

■ 89.7850, -60.9850,
31.4550

■ 153.6430,
-29.0710, 14.7450

■ 74.1140, -69.1010,
35.3710

■ 169.3140,
-20.9550, 10.8290

■ 57.8560, -76.9420,
39.8100

■ 185.5720,
-13.1140, 6.3900

■ 51.6430, -80.6560,
41.0400

■ 201.2430, -4.9980,
2.4740

■ 217.8000, 3.4390,
-1.7530

■ 233.4710, 11.5550,
-5.6690

■ 247.6360, 15.2240,
-11.5920

■ 249.9840, 14.1240,
-13.6840

Harmonies

Analogous

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



103.0540, -105.5440, -3.5280



121.7140, -45.0280, 23.1000



127.9400, 10.5380, 40.3140

Triad

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



121.7140, -45.0280, 23.1000



121.6170, 70.1020, 7.0780



97.0850, -73.5800, -43.1800

Complementary

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



121.7140, -45.0280, 23.1000



182.2860, 45.0280, -23.1000

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.



108.2700, -19.9370, -40.6810



121.7140, -45.0280, 23.1000



119.4940, 56.3060, -18.2380

Square

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



121.7140, -45.0280, 23.1000



121.0850, 69.6850, 31.1650



115.8550, 26.8280, -34.6760



103.1440, -89.2630, -28.7750

Rectangle

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



121.7140, -45.0280, 23.1000



125.8910, 38.5970, 43.9170



115.8550, 26.8280, -34.6760



94.7880, -68.4900, -47.3220

Sweetspot

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



121.7140, -45.0280, 23.1000



222.1850, -16.2780, 8.6660



172.5260, -61.3400, -33.7240



108.4860, -9.9960, 4.9480



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.



121.7140, -45.0280, 23.1000



125.8000, -65.3410, 33.3070



115.7210, -19.4020, 43.2700



96.4280, -4.0810, 2.3750



40.8710, -64.1030, 32.8970



9.9570, -15.6360, 8.0440

Inverse Universe

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



131.2460, 61.9820, 33.1020



139.4610, 89.7180, 48.0700



187.9800, 18.8060, -43.4820



97.5170, 5.9140, 2.9540



54.4500, 88.2510, 47.1230



13.2850, 21.5470, 11.4910

Previews

White Background



This preview shows how the YIQ color 121.7140, -45.0280, 23.1000 looks on a white background.

Color Contrast Check

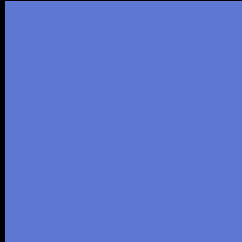
Large Text (above 18pt) WCAG AA ✓ Pass

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 121.7140, -45.0280, 23.1000 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 121.7140, -45.0280, 23.1000

Background



This preview shows how black text looks on a background with the YIQ color 121.7140, -45.0280, 23.1000.



This preview shows how white text looks on a background with the YIQ color 121.7140, -45.0280,

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

121.7140, -45.0280, 23.1000

Protanopia

120.4250, -51.5840, 20.7680

Deuteranopia

115.8530, -64.8330, 13.0790



Tritanopia

115.5200, -42.8670, -10.5710

Trichromacy



Original Color

121.7140, -45.0280, 23.1000

Protanomaly

120.6210, -49.2000, 21.6160

Deuteranomaly

117.9680, -57.7270, 16.4570

Tritanomaly

118.0120, -43.8320, 1.4160

Monochromacy



Original Color

121.7140, -45.0280, 23.1000

Achromatopsia

122.0000, 0.0000, -0.0000

Achromatomaly

121.7720, -16.5530, 8.1430

CSS Examples

Text

The CSS property to change the color of the text to YIQ 121.7140, -45.0280, 23.1000 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(93, 119, 211)` looks like.

```
.text, #text, p{  
    color:rgb(93, 119, 211)  
}
```

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(93, 119, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 119, 211) }
```

Border

The CSS property to change the border of an element to YIQ 121.7140, -45.0280, 23.1000 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(93, 119, 211) }
```


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

```
.border{ border-color:rgb(93, 119, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 119, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 119, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 119, 211);  
box-shadow:4px 4px 4px 4px rgb(93, 119,  
211) }
```

Background

The CSS property to change the background color of an element to YIQ 121.7140, -45.0280, 23.1000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 119, 211) }
```

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

```
.background{ background-color: rgb(93, 119,  
211) }
```

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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