

Converting Colors

YIQ(120.7010, -25.8180,
27.3820)

Have a look what the booklet for
YIQ(120.7010, -25.8180, 27.3820)
contains.

YIQ(120.7010, -25.8180, 27.3820)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(120.7010, -25.8180,
27.3820)**

Conversions

Conversions Part 1

Format	Color
Hex	716EC4
RGB	113, 110, 196
RGB Percent	44%, 43%, 77%
CMY	0.5568, 0.5686, 0.2315
CMYK	0.42, 0.44, 0.00, 0.23
HSL	242°, 42%, 60%
HSV	242°, 44%, 77%
XYZ	22.3468, 18.6469, 54.6202
YIQ	120.7010, -25.8180, 27.3820

Conversions

Conversions Part 2

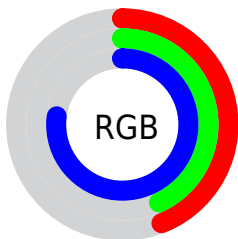
Format	Color
R_{YB}	113, 110, 196
Decimal	7433924
CIE _{Lab}	50.27, 22.95, -44.65
CIE _{LCh}	50, 50.203, 297.198
Yxy	18.6469, 0.2337, 0.1950
Android (android.graphics.Color)	4285624004 (0xFF716EC4)
YUV	120.7010, 37.1224, -6.7538
Hunter-Lab	43.1821, 16.8052, -44.7674

Details

The YIQ color $120.7010, -25.8180, 27.3820$ is a dark color, and the websafe version is hex $6666CC$. A complement of this color would be $185.2990, 25.8180, -27.3820$, and the grayscale version is $120.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $174.1680, -25.6350, 29.5730$, and $69.9240, -28.0640, 24.0320$ is the 20% darker color. If you saturate the color by 10%, you get $103.2800, -31.6420, 33.8140$, and if you desaturate by 10%, it is $138.1220, -19.9940, 20.9500$.

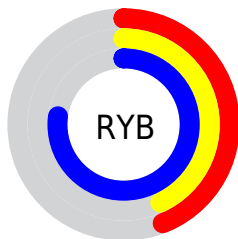
Distribution



Red (44%)

Green (43%)

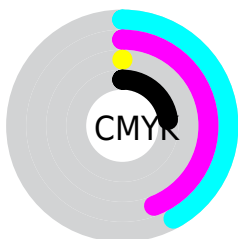
Blue (77%)



Red (44%)

Yellow (43%)

Blue (77%)

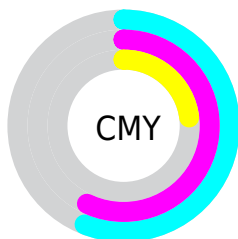


Cyan (42%)

Magenta (44%)

Yellow (0%)

Black (23%)



Cyan (56%)

Magenta (57%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 120.7010, -25.8180, 27.3820 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 120.7010, -25.8180, 27.3820 by changing the saturation by 10% instead.

■ 120.7010,
-25.8180, 27.3820

■ 120.7010,
-25.8180, 27.3820

■ 255.0000, -0.0000,
-0.0000

■ 95.3480, -26.3220,
25.5020

■ 174.1680,
-25.6350, 29.5730

■ 69.9240, -28.0640,
24.0320

■ 198.9160,
-16.4180, 22.2220

■ 45.6630, -31.8230,
20.5690

■ 223.4360, -6.5590,
14.2490

■ 22.5870, -34.6650,
17.0070

■ 249.1300, 2.7500,
5.2300

■ 7.6380, -21.5070,
20.8370

■ 6.6630, -14.6280,
11.8040

■ 3.0950, -7.3370,

6.3190

■ 0.0000, 0.0000,
0.0000

■ 120.7010,
-25.8180, 27.3820

■ 120.7010,
-25.8180, 27.3820

■ 103.2800,
-31.6420, 33.8140

■ 138.1220,
-19.9940, 20.9500

■ 86.4460, -37.7410,
39.7230

■ 154.9560,
-13.8950, 15.0410

■ 69.0250, -43.5650,
46.1550

■ 172.3770, -8.0710,
8.6090

■ 52.1910, -49.6640,
52.0640

■ 189.2110, -1.9720,
2.7000

■ 34.7700, -55.4880,
58.4960

■ 206.6320, 3.8520,
-3.7320

■ 24.4370, -58.7440,
62.4400

■ 223.7540, 9.0800,
-10.3760

■ 240.5880, 15.1790,
-16.2850

■ 248.2740, 18.9390,
-18.3490

Harmonies

Analogous

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



97.3320, -100.4550, -2.1430



120.7010, -25.8180, 27.3820



123.2740, 21.2210, 39.4370

Triad

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



120.7010, -25.8180, 27.3820



117.2800, 63.5010, 0.0530



95.1760, -75.0940, -37.7660

Complementary

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



120.7010, -25.8180, 27.3820



185.2990, 25.8180, -27.3820

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.



100.7830, -34.5630, -39.9310



120.7010, -25.8180, 27.3820



114.2970, 46.4950, -22.1530

Square

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



120.7010, -25.8180, 27.3820



117.3740, 67.0730, 23.4330



111.0370, 14.6320, -33.9120



100.0780, -88.8970, -24.3930

Rectangle

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



120.7010, -25.8180, 27.3820



120.3060, 44.5580, 40.5100



111.0370, 14.6320, -33.9120



92.8790, -70.0040, -41.9080

Sweetspot

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



120.7010, -25.8180, 27.3820



226.0610, -9.9970, 10.4750



168.5250, -50.4310, -16.6630



109.6930, -6.1450, 6.7430



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.



120.7010, -25.8180, 27.3820



136.8850, -40.3550, 43.0450



133.5580, -0.1900, 36.4980



88.4390, -2.6140, 3.3220



20.1480, -48.1050, 51.3430



4.0610, -9.9970, 10.4750

Inverse Universe

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



145.1760, 24.6130, 44.0450



175.1850, 38.7300, 69.0500



172.4420, 0.1900, -36.4980



91.1300, 2.7500, 5.2300



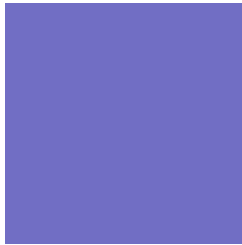
65.8090, 46.2010, 82.3370



13.5150, 9.3960, 16.9480

Previews

White Background



This preview shows how the YIQ color 120.7010, -25.8180, 27.3820 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 120.7010, -25.8180, 27.3820 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

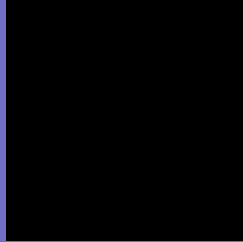
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 120.7010, -25.8180, 27.3820

Background



This preview shows how black text looks on a background with the YIQ color 120.7010, -25.8180, 27.3820.



This preview shows how white text looks on a background with the YIQ color 120.7010, -25.8180,

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

120.7010, -25.8180, 27.3820

Protanopia

116.5240, -47.5490, 19.2270

Deuteranopia

114.9810, -50.5740, 13.4740



Tritanopia

117.0670, -19.3020, -2.6140

Trichromacy



Original Color

120.7010, -25.8180, 27.3820

Protanomaly

117.8240, -39.5260, 22.5060

Deuteranomaly

116.9330, -41.4510, 18.8450

Tritanomaly

118.5480, -21.7340, 8.4260

Monochromacy



Original Color

120.7010, -25.8180, 27.3820

Achromatopsia

121.0000, -0.0000, 0.0000

Achromatomaly

120.8330, -9.3550, 9.8530

CSS Examples

Text

The CSS property to change the color of the text to YIQ 120.7010, -25.8180, 27.3820 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(113, 110, 196)` looks like.

```
.text, #text, p{  
    color:rgb(113, 110, 196)  
}
```

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(113, 110, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 110, 196) }
```

Border

The CSS property to change the border of an element to YIQ 120.7010, -25.8180, 27.3820 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(113, 110, 196) }
```


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

```
.border{ border-color:rgb(113, 110, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 110, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 110, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 110, 196);  
box-shadow:4px 4px 4px 4px rgb(113, 110,  
196) }
```

Background

The CSS property to change the background color of an element to YIQ 120.7010, -25.8180, 27.3820 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 110, 196) }
```

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

```
.background{ background-color: rgb(113,  
110, 196) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor