

Converting Colors

YIQ(120.5790, -5.8240, 6.4320)

Have a look what the booklet for
YIQ(120.5790, -5.8240, 6.4320)
contains.

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Color

**YIQ(120.5790, -5.8240,
6.4320)**

Conversions

Conversions Part 1

Format	Color
Hex	77768A
RGB	119, 118, 138
RGB Percent	47%, 46%, 54%
CMY	0.5333, 0.5372, 0.4589
CMYK	0.14, 0.14, 0.00, 0.46
HSL	243°, 8%, 50%
HSV	243°, 14%, 54%
XYZ	18.6734, 18.7137, 26.6689
YIQ	120.5790, -5.8240, 6.4320

Conversions

Conversions Part 2

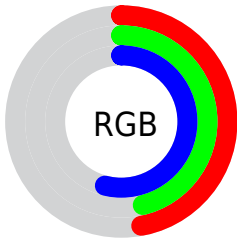
Format	Color
R_{YB}	119, 118, 138
Decimal	7829130
CIE _{Lab}	50.35, 4.68, -10.74
CIE _{LCh}	50, 11.711, 293.528
Yxy	18.7137, 0.2915, 0.2921
Android (android.graphics.Color)	4286019210 (0xFF77768A)
YUV	120.5790, 8.5886, -1.3848
Hunter-Lab	43.2593, 1.3478, -6.2702

Details

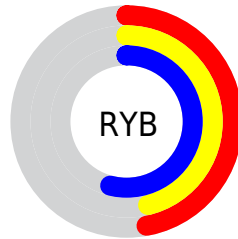
The YIQ color $120.5790, -5.8240, 6.4320$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $135.4210, 5.8240, -6.4320$, and the grayscale version is $120.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $172.6930, -6.1450, 6.7430$, and $72.0520, -5.7780, 5.5980$ is the 20% darker color. If you saturate the color by 10%, you get $108.4740, -9.7220, 10.9980$, and if you desaturate by 10%, it is $132.6840, -1.9260, 1.8660$.

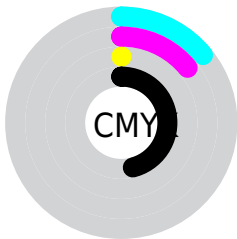
Distribution



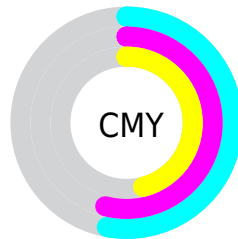
- Red (47%)
- Green (46%)
- Blue (54%)



- Red (47%)
- Yellow (46%)
- Blue (54%)



- Cyan (14%)
- Magenta (14%)
- Yellow (0%)
- Black (46%)



- Cyan (53%)
- Magenta (54%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 120.5790, -5.8240, 6.4320 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 120.5790, -5.8240, 6.4320 by changing the saturation by 10% instead.

■ 120.5790, -5.8240,
6.4320

■ 120.5790, -5.8240,
6.4320

■ 255.0000, -0.0000,
-0.0000

■ 95.5790, -5.8240,
6.4320

■ 172.6930, -6.1450,
6.7430

■ 72.0520, -5.7780,
5.5980

■ 200.1060, -5.8700,
7.2660

■ 49.9380, -5.4570,
5.2870

■ 228.2200, -6.1910,
7.5770

■ 28.8240, -5.1360,
4.9760

■ 254.4130, 0.2750,
0.5230

■ 2.9210, -6.7870,
7.3650

■ 0.0000, 0.0000,
0.0000

■ 120.5790, -5.8240,
6.4320

■ 120.5790, -5.8240,
6.4320

■ 108.4740, -9.7220,
10.9980

■ 132.6840, -1.9260,
1.8660

■ 96.3690, -13.6200,
15.5640

■ 144.7890, 1.9720,
-2.7000

■ 84.8510, -17.7930,
19.6070

■ 156.3070, 6.1450,
-6.7430

■ 72.7460, -21.6910,
24.1730

■ 168.4120, 10.0430,
-11.3090

■ 60.3420, -26.1850,
28.5270

■ 180.8160, 14.5370,
-15.6630

■ 48.2370, -30.0830,
33.0930

■ 192.9210, 18.4350,
-20.2290

■ 36.1320, -33.9810,
37.6590

■ 205.0260, 22.3330,
-24.7950

■ 24.6140, -38.1540,

■ 216.5440, 26.5060,

41.7020

-28.8380

■ 17.8250, -40.1260,
44.4020

■ 228.6490, 30.4040,
-33.4040

Harmonies

Analogous

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



118.5670, -14.7180, 2.4180



120.5790, -5.8240, 6.4320



121.7220, 4.0790, 8.6790

Triad

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



120.5790, -5.8240, 6.4320



120.6230, 17.2390, 1.4550



116.6020, -13.7990, -8.7350

Complementary

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



120.5790, -5.8240, 6.4320



135.4210, 5.8240, -6.4320

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.



117.3920, -4.4000, -8.3680



120.5790, -5.8240, 6.4320



119.5360, 12.9300, -3.0540

Square

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



120.5790, -5.8240, 6.4320



121.2580, 17.0090, 5.6250



118.7090, 4.9530, -7.1670



116.5460, -19.3930, -6.4730

Rectangle

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



120.5790, -5.8240, 6.4320



122.2450, 9.8560, 8.6080



118.7090, 4.9530, -7.1670



116.5700, -10.7730, -8.5090

Sweetspot

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



120.5790, -5.8240, 6.4320



172.2110, -1.9720, 2.7000



131.4330, -11.6450, -3.7170



85.4560, -1.2840, 1.2440



217.0000, -0.0000, 0.0000



89.0000, -0.0000, -0.0000

Same Dimension

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



120.5790, -5.8240, 6.4320



152.1320, -8.7590, 10.0650



123.5690, 0.1360, 8.5520



62.7980, -2.2470, 2.1770



17.2550, -38.5210, 42.8470



0.5700, -1.6050, 1.5550

Inverse Universe

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



126.1460, 5.8210, 10.1490



160.5750, 9.1670, 15.5910



132.4310, -0.1360, -8.5520



64.8910, 1.9250, 3.6610



54.1310, 38.8220, 67.3820



2.0650, 1.3750, 2.6150

Previews

White Background



This preview shows how the YIQ color 120.5790, -5.8240, 6.4320 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 120.5790, -5.8240, 6.4320 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

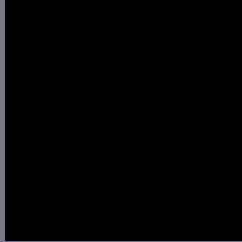
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 120.5790, -5.8240, 6.4320

Background



This preview shows how black text looks on a background with the YIQ color 120.5790, -5.8240, 6.4320.



This preview shows how white text looks on a background with the YIQ color 120.5790, -5.8240,

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

120.5790, -5.8240, 6.4320

Protanopia

120.3830, -8.2080, 5.5840

Deuteranopia

121.1880, -3.1650, 7.8030



Tritanopia

120.1290, -4.6770, 2.1630

Trichromacy



Original Color

120.5790, -5.8240, 6.4320

Protanomaly

120.6820, -7.6120, 5.7960

Deuteranomaly

120.8890, -3.7610, 7.5910

Tritanomaly

120.1830, -4.7690, 3.8310

Monochromacy



Original Color

120.5790, -5.8240, 6.4320

Achromatopsia

121.0000, -0.0000, 0.0000

Achromatomaly

120.7980, -2.2470, 2.1770

CSS Examples

Text

The CSS property to change the color of the text to YIQ 120.5790, -5.8240, 6.4320 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(119, 118, 138)` looks like.

```
.text, #text, p{  
    color:rgb(119, 118, 138)  
}
```

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(119, 118, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 118, 138) }
```

Border

The CSS property to change the border of an element to YIQ 120.5790, -5.8240, 6.4320 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(119, 118, 138) }
```


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

```
.border{ border-color:rgb(119, 118, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 118, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 118, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 118, 138);  
box-shadow:4px 4px 4px 4px rgb(119, 118,  
138) }
```

Background

The CSS property to change the background color of an element to YIQ 120.5790, -5.8240, 6.4320 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 118, 138) }
```

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

```
.background{ background-color: rgb(119,  
118, 138) }
```

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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