

Converting Colors

YIQ(120.5430, -6.1430, -4.3110)

Have a look what the booklet for
YIQ(120.5430, -6.1430, -4.3110)
contains.

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Color

**YIQ(120.5430, -6.1430,
-4.3110)**

Conversions

Conversions Part 1

Format	Color
Hex	707D78
RGB	112, 125, 120
RGB Percent	44%, 49%, 47%
CMY	0.5608, 0.5098, 0.5294
CMYK	0.10, 0.00, 0.04, 0.51
HSL	157°, 5%, 46%
HSV	157°, 10%, 49%
XYZ	17.4051, 19.4687, 20.6081
YIQ	120.5430, -6.1430, -4.3110

Conversions

Conversions Part 2

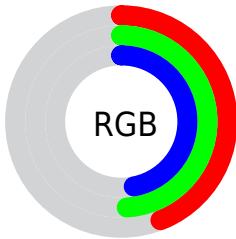
Format	Color
R_{YB}	112, 120, 125
Decimal	7372152
CIE Lab	51.23, -5.86, 1.09
CIE LCh	51, 5.956, 169.498
Yxy	19.4687, 0.3028, 0.3387
Android (android.graphics.Color)	4285562232 (0xFF707D78)
YUV	120.5430, -0.2677, -7.4922
Hunter-Lab	44.1234, -6.8039, 3.1946

Details

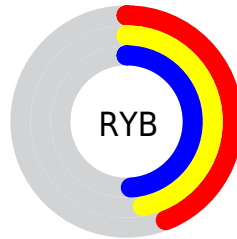
The YIQ color $[120.5430, -6.1430, -4.3110]$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $[116.4570, 6.1430, 4.3110]$, and the grayscale version is $[121.0000, -0.0000, 0.0000]$.

A 20% lighter version of the original color is $[173.1300, -6.4180, -4.8340]$, and $[71.9560, -5.8680, -3.7880]$ is the 20% darker color. If you saturate the color by 10%, you get $[116.0860, -12.2860, -8.6220]$, and if you desaturate by 10%, it is $[124.7010, -0.5960, -0.2120]$.

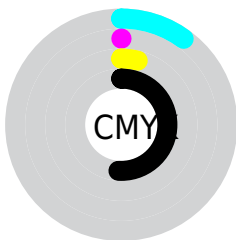
Distribution



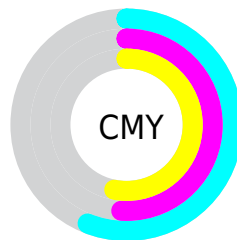
- Red (44%)
- Green (49%)
- Blue (47%)



- Red (44%)
- Yellow (47%)
- Blue (49%)



- Cyan (10%)
- Magenta (0%)
- Yellow (4%)
- Black (51%)



- Cyan (56%)
- Magenta (51%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 120.5430, -6.1430, -4.3110 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 120.5430, -6.1430, -4.3110 by changing the saturation by 10% instead.

■ 120.5430, -6.1430,
-4.3110

■ 120.5430, -6.1430,
-4.3110

■ 255.0000, -0.0000,
-0.0000

■ 95.8420, -5.5470,
-4.0990

■ 173.1300, -6.4180,
-4.8340

■ 71.9560, -5.8680,
-3.7880

■ 200.2440, -6.7390,
-4.5230

■ 49.2550, -5.2720,
-3.5760

■ 228.2440, -6.7390,
-4.5230

■ 28.2550, -5.2720,
-3.5760

■ 252.6080, -4.7680,
-1.6960

■ 5.5110, -3.1170,
-4.0850

■ 0.0000, 0.0000,
0.0000

■ 120.5430, -6.1430,
-4.3110

■ 120.5430, -6.1430,
-4.3110

■ 116.0860,
-12.2860, -8.6220

■ 124.7010, -0.5960,
-0.2120

■ 111.9280,
-17.8330, -12.7210

■ 129.1580, 5.5470,
4.0990

■ 107.5850,
-24.2970, -16.7210

■ 133.2020, 11.4150,
7.8870

■ 103.4270,
-29.8440, -20.8200

■ 137.6590, 17.5580,
12.1980

■ 98.9700, -35.9870,
-25.1310

■ 141.8170, 23.1050,
16.2970

■ 94.8120, -41.5340,
-29.2300

■ 146.2740, 29.2480,
20.6080

■ 90.3550, -47.6770,
-33.5410

■ 150.4320, 34.7950,
24.7070

■ 86.1970, -53.2240,

■ 154.8890, 40.9380,

-37.6400

29.0180

■ 82.1530, -59.0920,
-41.4280

■ 158.9330, 46.8060,
32.8060

Harmonies

Analogous

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



120.8810, -1.2830, -4.2830



120.5430, -6.1430, -4.3110



120.5150, -8.9400, -3.1800

Triad

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



120.5430, -6.1430, -4.3110



122.2540, -3.5310, 3.4210



122.9040, 9.0780, 0.6780

Complementary

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



120.5430, -6.1430, -4.3110



116.4570, 6.1430, 4.3110

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.



123.1860, 8.3440, 2.9680



120.5430, -6.1430, -4.3110



123.1190, 1.2830, 4.2830

Square

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



120.5430, -6.1430, -4.3110



121.6340, -7.6570, 1.1030



123.1580, 5.5470, 4.0990



122.0670, 7.0610, -1.3150

Rectangle

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



120.5430, -6.1430, -4.3110



120.8570, -9.9030, -2.2470



123.1580, 5.5470, 4.0990



122.8440, 9.3070, 2.0350

Sweetspot

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



120.5430, -6.1430, -4.3110



161.2770, -2.3380, -1.6820



121.1260, -0.5950, -5.7390



80.5760, -1.7420, -1.4700



209.0000, 0.0000, 0.0000



82.0000, 0.0000, -0.0000

Same Dimension

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



120.5430, -6.1430, -4.3110



156.5210, -9.0770, -6.2050



120.5260, -7.4730, -2.2330



61.5650, -3.2090, -2.4170



84.0280, -60.2380, -42.6860



0.0000, 0.0000, 0.0000

Inverse Universe

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



116.4570, 6.1430, 4.3110



150.4790, 9.0770, 6.2050



116.4740, 7.4730, 2.2330



59.4350, 3.2090, 2.4170



43.8580, 60.5590, 42.3750



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YIQ color 120.5430, -6.1430, -4.3110 looks on a white background.

Color Contrast Check

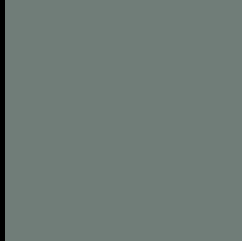
Large Text (above 18pt) WCAG AA ✓ Pass

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 120.5430, -6.1430, -4.3110 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

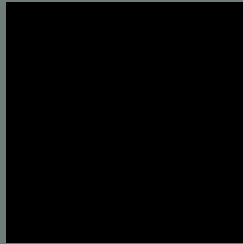
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 120.5430, -6.1430, -4.3110

Background



This preview shows how black text looks on a background with the YIQ color 120.5430, -6.1430, -4.3110.



This preview shows how white text looks on a background with the YIQ color 120.5430, -6.1430,

-4.3110.

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

120.5430, -6.1430, -4.3110

Protanopia

121.8540, 3.3470, -0.0850

Deuteranopia

123.1260, 8.5730, 4.3250



Tritanopia

121.4490, -8.5740, 1.2020

Trichromacy



Original Color

120.5430, -6.1430, -4.3110

Protanomaly

121.0600, -0.2290, -1.3570

Deuteranomaly

122.4950, 2.9800, 1.0600

Tritanomaly

121.1670, -7.8400, -1.0880

Monochromacy



Original Color

120.5430, -6.1430, -4.3110

Achromatopsia

121.0000, -0.0000, 0.0000

Achromatomaly

120.6900, -2.0630, -1.1590

CSS Examples

Text

The CSS property to change the color of the text to YIQ 120.5430, -6.1430, -4.3110 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(112, 125, 120)` looks like.

```
.text, #text, p{  
    color:rgb(112, 125, 120)  
}
```

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(112, 125, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 125, 120) }
```

Border

The CSS property to change the border of an element to YIQ 120.5430, -6.1430, -4.3110 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(112, 125, 120) }
```


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

```
.border{ border-color:rgb(112, 125, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 125, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 125, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 125, 120);  
box-shadow:4px 4px 4px 4px rgb(112, 125,  
120) }
```

Background

The CSS property to change the background color of an element to YIQ 120.5430, -6.1430, -4.3110 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 125, 120) }
```

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

```
.background{ background-color: rgb(112,  
125, 120) }
```

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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