

Converting Colors

YIQ(128.4360, -6.5590, 14.2490)

Have a look what the booklet for
YIQ(128.4360, -6.5590, 14.2490)
contains.

YIQ(128.4360, -6.5590, 14.2490)	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(128.4360, -6.5590,
14.2490)**

Conversions

Conversions Part 1

Format	Color
Hex	8379A0
RGB	131, 121, 160
RGB Percent	51%, 47%, 63%
CMY	0.4862, 0.5255, 0.3726
CMYK	0.18, 0.24, 0.00, 0.37
HSL	255°, 17%, 55%
HSV	255°, 24%, 63%
XYZ	22.5428, 21.0376, 36.1237
YIQ	128.4360, -6.5590, 14.2490

Conversions

Conversions Part 2

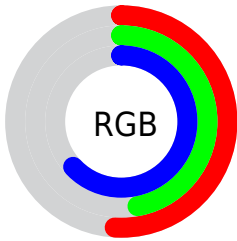
Format	Color
R_{YB}	131, 121, 160
Decimal	8616352
CIE _{Lab}	52.99, 12.13, -19.51
CIE _{LCh}	53, 22.967, 301.868
Yxy	21.0376, 0.2828, 0.2639
Android (android.graphics.Color)	4286806432 (0xFF8379A0)
YUV	128.4360, 15.5611, 2.2486
Hunter-Lab	45.8667, 7.4630, -14.5888

Details

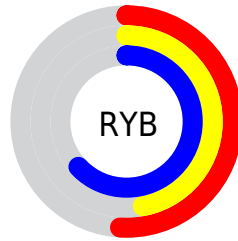
The YIQ color $[128.4360, -6.5590, 14.2490]$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $152.5640, 6.5590, -14.2490$, and the grayscale version is $128.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $181.0770, -6.9260, 15.3940$, and $78.7950, -6.1920, 13.1040$ is the 20% darker color. If you saturate the color by 10%, you get $115.4560, -9.3110, 20.0730$, and if you desaturate by 10%, it is $141.4160, -3.8070, 8.4250$.

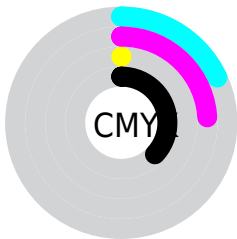
Distribution



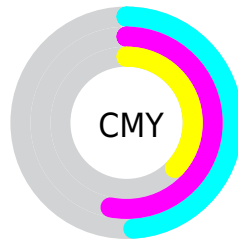
- Red (51%)
- Green (47%)
- Blue (63%)



- Red (51%)
- Yellow (47%)
- Blue (63%)



- Cyan (18%)
- Magenta (24%)
- Yellow (0%)
- Black (37%)



- Cyan (49%)
- Magenta (53%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 128.4360, -6.5590, 14.2490 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 128.4360, -6.5590, 14.2490 by changing the saturation by 10% instead.

■ 128.4360, -6.5590,
14.2490

■ 128.4360, -6.5590,
14.2490

■ 255.0000, -0.0000,
-0.0000

■ 103.3220, -6.2380,
13.9380

■ 181.0770, -6.9260,
15.3940

■ 78.7950, -6.1920,
13.1040

■ 209.0770, -6.9260,
15.3940

■ 55.9690, -6.7420,
12.0580

■ 235.5520, -1.1940,
10.6300

■ 34.4420, -6.6960,
11.2240

■ 11.5780, -4.0830,
13.4290

■ 2.5250, -5.7320,
4.7640

■ 0.0000, 0.0000,

0.0000

■ 128.4360, -6.5590,
14.2490

■ 128.4360, -6.5590,
14.2490

■ 115.4560, -9.3110,
20.0730

■ 141.4160, -3.8070,
8.4250

■ 102.4760,
-12.0630, 25.8970

■ 154.3960, -1.0550,
2.6010

■ 89.4960, -14.8150,
31.7210

■ 167.3760, 1.6970,
-3.2230

■ 76.5160, -17.5670,
37.5450

■ 180.3560, 4.4490,
-9.0470

■ 63.8350, -19.7230,
43.5810

■ 193.0370, 6.6050,
-15.0830

■ 50.8550, -22.4750,
49.4050

■ 206.0170, 9.3570,
-20.9070

■ 37.8750, -25.2270,
55.2290

■ 218.9970, 12.1090,
-26.7310

■ 30.4990, -26.9240,
58.4520

■ 231.9770, 14.8610,
-32.5550

■ 239.0870, 20.3630,
-33.1490

Harmonies

Analogous

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



124.8570, -27.0980, 6.5180



128.4360, -6.5590, 14.2490



129.7820, 13.0180, 17.3860

Triad

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



128.4360, -6.5590, 14.2490



126.9850, 30.7190, -0.5530



117.3220, -33.7420, -16.2540

Complementary

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



128.4360, -6.5590, 14.2490



152.5640, 6.5590, -14.2490

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.



120.4350, -15.1270, -17.7110



128.4360, -6.5590, 14.2490



125.4410, 20.2670, -9.3730

Square

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



128.4360, -6.5590, 14.2490



128.4510, 32.6430, 8.6350



123.3680, 4.1750, -15.0970



116.6120, -46.1220, -12.1540

Rectangle

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



128.4360, -6.5590, 14.2490



129.3440, 23.0590, 17.1310



123.3680, 4.1750, -15.0970



118.3180, -27.9190, -17.1590

Sweetspot

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



128.4360, -6.5590, 14.2490



196.9060, -2.4310, 5.5130



142.4690, -20.4940, -3.0380



97.6240, -1.6970, 3.2230



232.0000, -0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



128.4360, -6.5590, 14.2490



159.7380, -10.0450, 22.3630



134.1170, 4.7650, 18.2770



72.5100, -1.3760, 2.9120



27.3650, -23.8510, 52.3170



2.9060, -2.4310, 5.5130

Inverse Universe

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



135.9670, 13.9350, 17.2870



171.4830, 21.5900, 27.2380



146.8830, -4.7650, -18.2770



74.0760, 2.8420, 3.5620



54.8410, 51.2020, 63.2820



5.7390, 5.4090, 6.6010

Previews

White Background



This preview shows how the YIQ color 128.4360, -6.5590, 14.2490 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 128.4360, -6.5590, 14.2490 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

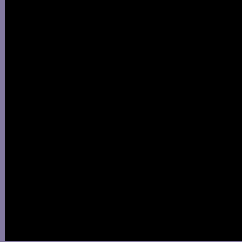
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 128.4360, -6.5590, 14.2490

Background



This preview shows how black text looks on a background with the YIQ color 128.4360, -6.5590, 14.2490.



This preview shows how white text looks on a background with the YIQ color 128.4360, -6.5590,

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

128.4360, -6.5590, 14.2490

Protanopia

126.9400, -16.9660, 10.1220

Deuteranopia

127.3920, -12.4270, 10.4610



Tritanopia

127.3250, -2.2930, 3.0110

Trichromacy



Original Color

128.4360, -6.5590, 14.2490

Protanomaly

127.7340, -13.3900, 11.3940

Deuteranomaly

127.7020, -10.3640, 11.6200

Tritanomaly

127.4760, -4.0360, 7.0680

Monochromacy



Original Color

128.4360, -6.5590, 14.2490

Achromatopsia

128.0000, -0.0000, -0.0000

Achromatomaly

127.9060, -2.4310, 5.5130

CSS Examples

Text

The CSS property to change the color of the text to YIQ 128.4360, -6.5590, 14.2490 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(131, 121, 160)` looks like.

```
.text, #text, p{  
    color:rgb(131, 121, 160)  
}
```

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(131, 121, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 121, 160) }
```

Border

The CSS property to change the border of an element to YIQ 128.4360, -6.5590, 14.2490 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(131, 121, 160) }
```


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

```
.border{ border-color:rgb(131, 121, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 121, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 121, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 121, 160);  
box-shadow:4px 4px 4px 4px rgb(131, 121,  
160) }
```

Background

The CSS property to change the background color of an element to YIQ 128.4360, -6.5590, 14.2490 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 121, 160) }
```

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

```
.background{ background-color: rgb(131,  
121, 160) }
```

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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