

Converting Colors

YIQ(128.2200, -32.5540, 6.2780)

Have a look what the booklet for
YIQ(128.2200, -32.5540, 6.2780)
contains.

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Color

**YIQ(128.2200, -32.5540,
6.2780)**

Conversions

Conversions Part 1

Format	Color
Hex	6585AF
RGB	101, 133, 175
RGB Percent	40%, 52%, 69%
CMY	0.6040, 0.4784, 0.3139
CMYK	0.42, 0.24, 0.00, 0.31
HSL	214°, 32%, 54%
HSV	214°, 42%, 69%
XYZ	21.4886, 22.6383, 43.7733
YIQ	128.2200, -32.5540, 6.2780

Conversions

Conversions Part 2

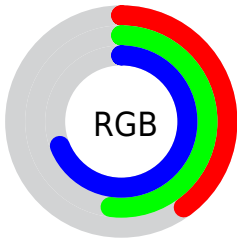
Format	Color
R_{YB}	101, 123, 175
Decimal	6653359
CIE _{Lab}	54.70, -0.13, -25.72
CIE _{LCh}	55, 25.717, 269.701
Yxy	22.6383, 0.2445, 0.2575
Android (android.graphics.Color)	4284843439 (0xFF6585AF)
YUV	128.2200, 23.0625, -23.8719
Hunter-Lab	47.5797, -2.6478, -21.2410

Details

The YIQ color $128.2200, -32.5540, 6.2780$ is a dark color, and the websafe version is hex $6699CC$. A complement of this color would be $147.7800, 32.5540, -6.2780$, and the grayscale version is $128.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $181.8610, -32.9210, 7.4230$, and $77.5680, -33.6540, 4.1860$ is the 20% darker color. If you saturate the color by 10%, you get $116.9680, -40.5320, 7.6920$, and if you desaturate by 10%, it is $139.1730, -25.1720, 4.6520$.

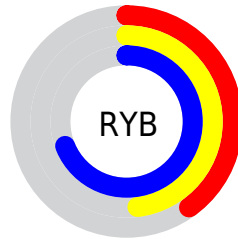
Distribution



Red (40%)

Green (52%)

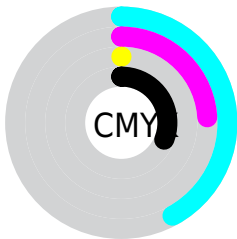
Blue (69%)



Red (40%)

Yellow (48%)

Blue (69%)

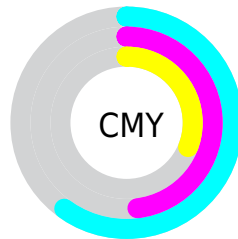


Cyan (42%)

Magenta (24%)

Yellow (0%)

Black (31%)



Cyan (60%)

Magenta (48%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 128.2200, -32.5540, 6.2780 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 128.2200, -32.5540, 6.2780 by changing the saturation by 10% instead.

■ 128.2200,
-32.5540, 6.2780

■ 128.2200,
-32.5540, 6.2780

■ 255.0000, -0.0000,
-0.0000

■ 102.6930,
-32.5080, 5.4440

■ 181.8610,
-32.9210, 7.4230

■ 77.5680, -33.6540,
4.1860

■ 209.1060,
-32.2330, 5.9670

■ 52.5460, -36.5880,
2.2920

■ 234.2130,
-22.6490, -2.5290

■ 31.2150, -34.1580,
2.3060

■ 250.5150, -8.9400,
-3.1800

■ 16.9670, -21.5960,
5.9240

■ 4.4800, -9.8590,
7.9730

■ 0.0000, 0.0000,

0.0000

■ 128.2200,
-32.5540, 6.2780

■ 128.2200,
-32.5540, 6.2780

■ 116.9680,
-40.5320, 7.6920

■ 139.1730,
-25.1720, 4.6520

■ 106.0150,
-47.9140, 9.3180

■ 150.4250,
-17.1940, 3.2380

■ 95.0620, -55.2960,
10.9440

■ 161.3780, -9.8120,
1.6120

■ 83.8100, -63.2740,
12.3580

■ 172.6300, -1.8340,
0.1980

■ 72.8570, -70.6560,
13.9840

■ 183.5830, 5.5480,
-1.4280

■ 64.5620, -77.0750,
14.6770

■ 194.8350, 13.5260,
-2.8420

■ 205.2010, 21.1830,
-3.9450

■ 216.4530, 29.1610,
-5.3590

■ 226.5090, 34.7550,
-7.6210

Harmonies

Analogous

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



121.7890, -50.7540, -5.2980



128.2200, -32.5540, 6.2780



132.7070, -8.7600, 15.5920

Triad

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



128.2200, -32.5540, 6.2780



132.6580, 36.4940, 10.4300



124.0820, -15.6310, -19.5910

Complementary

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



128.2200, -32.5540, 6.2780



147.7800, 32.5540, -6.2780

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.



127.0970, 6.3760, -16.4400



128.2200, -32.5540, 6.2780



131.5510, 34.9370, 0.0970

Square

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



128.2200, -32.5540, 6.2780



133.6930, 29.3860, 18.1060



129.4800, 24.5310, -9.5570



120.2890, -38.1430, -19.0950

Rectangle

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



128.2200, -32.5540, 6.2780



134.1280, 6.2320, 19.2240



129.4800, 24.5310, -9.5570



125.3880, -7.7450, -19.3370

Sweetspot

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



128.2200, -32.5540, 6.2780



208.0510, -13.2050, 2.5310



149.2260, -33.8320, -25.6400



102.8620, -8.2990, 1.7250



242.0000, -0.0000, 0.0000



115.0000, -0.0000, 0.0000

Same Dimension

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



128.2200, -32.5540, 6.2780



153.5740, -50.9860, 9.9260



110.9310, -20.7740, 24.0740



81.3740, -3.9890, 0.7070



55.2550, -66.0250, 12.6550



8.4920, -10.1330, 1.9230

Inverse Universe

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



126.7740, 33.8320, 25.6400



151.3840, 53.0860, 40.1420



165.0690, 20.7740, -24.0740



81.1470, 4.0800, 3.1520



52.2600, 68.5350, 52.0150



8.0170, 10.4980, 7.9860

Previews

White Background



This preview shows how the YIQ color 128.2200, -32.5540, 6.2780 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 128.2200, -32.5540, 6.2780 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

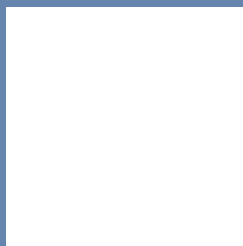
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 128.2200, -32.5540, 6.2780

Background



This preview shows how black text looks on a background with the YIQ color 128.2200, -32.5540, 6.2780.

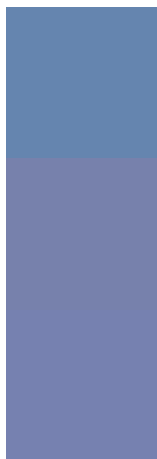


This preview shows how white text looks on a background with the YIQ color 128.2200, -32.5540,

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

128.2200, -32.5540, 6.2780

Protanopia

130.9120, -19.7630, 11.2530

Deuteranopia

131.0690, -21.6430, 12.2850



Tritanopia

126.0980, -29.7550, -5.9070

Trichromacy



Original Color

128.2200, -32.5540, 6.2780

Protanomaly

129.5200, -24.5310, 9.5570

Deuteranomaly

129.8620, -25.4940, 10.4900

Tritanomaly

126.8470, -30.3060, -1.4260

Monochromacy



Original Color

128.2200, -32.5540, 6.2780

Achromatopsia

128.0000, -0.0000, -0.0000

Achromatomaly

128.1220, -11.9670, 2.1210

CSS Examples

Text

The CSS property to change the color of the text to YIQ 128.2200, -32.5540, 6.2780 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(101, 133, 175)` looks like.

```
.text, #text, p{  
    color:rgb(101, 133, 175)  
}
```

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(101, 133, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 133, 175) }
```

Border

The CSS property to change the border of an element to YIQ 128.2200, -32.5540, 6.2780 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(101, 133, 175) }
```


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

```
.border{ border-color:rgb(101, 133, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(101, 133, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 133, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 133, 175);  
box-shadow:4px 4px 4px 4px rgb(101, 133,  
175) }
```

Background

The CSS property to change the background color of an element to YIQ 128.2200, -32.5540, 6.2780 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 133, 175) }
```

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

```
.background{ background-color: rgb(101,  
133, 175) }
```

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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