

Converting Colors

YIQ(124.5600, -22.0080, 2.3760)

Have a look what the booklet for
YIQ(124.5600, -22.0080, 2.3760)
contains.

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Color

**YIQ(124.5600, -22.0080,
2.3760)**

Conversions

Conversions Part 1

Format	Color
Hex	698199
RGB	105, 129, 153
RGB Percent	41%, 51%, 60%
CMY	0.5883, 0.4941, 0.4001
CMYK	0.31, 0.16, 0.00, 0.40
HSL	210°, 19%, 51%
HSV	210°, 31%, 60%
XYZ	19.4236, 21.0048, 33.1559
YIQ	124.5600, -22.0080, 2.3760

Conversions

Conversions Part 2

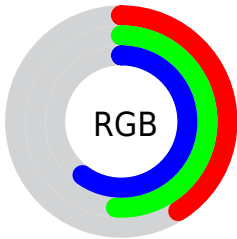
Format	Color
R_{YB}	105, 121, 153
Decimal	6914457
CIE _{Lab}	52.95, -2.71, -15.67
CIE _{LCh}	53, 15.899, 260.191
Y _{xy}	21.0048, 0.2640, 0.2855
Android (android.graphics.Color)	4285104537 (0xFF698199)
YUV	124.5600, 14.0209, -17.1541
Hunter-Lab	45.8310, -4.5545, -10.8109

Details

The YIQ color $124.5600, -22.0080, 2.3760$ is a dark color, and the websafe version is hex $6699CC$. A complement of this color would be $133.4400, 22.0080, -2.3760$, and the grayscale version is $124.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $177.3750, -22.9250, 2.4750$, and $75.3320, -21.3660, 1.7540$ is the 20% darker color. If you saturate the color by 10%, you get $115.3790, -28.7480, 3.3800$, and if you desaturate by 10%, it is $133.7410, -15.2680, 1.3720$.

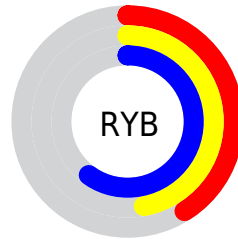
Distribution



Red (41%)

Green (51%)

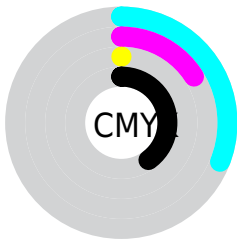
Blue (60%)



Red (41%)

Yellow (47%)

Blue (60%)

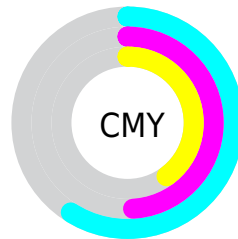


Cyan (31%)

Magenta (16%)

Yellow (0%)

Black (40%)



Cyan (59%)

Magenta (49%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 124.5600, -22.0080, 2.3760 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 124.5600, -22.0080, 2.3760 by changing the saturation by 10% instead.

■ 124.5600,
-22.0080, 2.3760

■ 124.5600,
-22.0080, 2.3760

■ 255.0000, -0.0000,
-0.0000

■ 99.4460, -21.6870,
2.0650

■ 177.3750,
-22.9250, 2.4750

■ 75.3320, -21.3660,
1.7540

■ 204.9020,
-22.9710, 3.3090

■ 51.9190, -21.6410,
1.2310

■ 232.4630,
-20.3570, -0.0130

■ 29.1960, -23.9790,
-0.4510

■ 250.8140, -8.3440,
-2.9680

■ 12.0940, -14.7640,
3.2520

■ 1.0260, -2.8890,
2.7990

■ 0.0000, 0.0000,

0.0000

■ 124.5600,
-22.0080, 2.3760

■ 124.5600,
-22.0080, 2.3760

■ 115.3790,
-28.7480, 3.3800

■ 133.7410,
-15.2680, 1.3720

■ 106.4860,
-36.3590, 3.6490

■ 142.6340, -7.6570,
1.1030

■ 97.3050, -43.0990,
4.6530

■ 151.8150, -0.9170,
0.0990

■ 88.1240, -49.8390,
5.6570

■ 160.9960, 5.8230,
-0.9050

■ 79.5300, -56.8540,
6.1380

■ 169.5900, 12.8380,
-1.3860

■ 70.0500, -64.1900,
6.9300

■ 179.0700, 20.1740,
-2.1780

■ 62.6410, -70.2880,
7.3120

■ 187.6640, 27.1890,
-2.6590

■ 196.8450, 33.9290,
-3.6630

■ 206.3250, 41.2650,
-4.4550

Harmonies

Analogous

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



121.7500, -28.6550, -3.8150



124.5600, -22.0080, 2.3760



126.8930, -9.5840, 8.4960

Triad

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



124.5600, -22.0080, 2.3760



128.4760, 22.3270, 8.3670



123.0990, -5.1330, -11.6050

Complementary

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



124.5600, -22.0080, 2.3760



133.4400, 22.0080, -2.3760

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.



124.6230, 8.0710, -8.6090



124.5600, -22.0080, 2.3760



127.6730, 22.9700, 2.2180

Square

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



124.5600, -22.0080, 2.3760



128.7620, 15.7700, 11.5620



126.3470, 17.8360, -3.8600



121.4550, -17.8790, -11.8870

Rectangle

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



124.5600, -22.0080, 2.3760



128.1500, -0.0020, 11.0540



126.3470, 17.8360, -3.8600



123.8500, 0.0020, -11.0540

Sweetspot

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



124.5600, -22.0080, 2.3760



188.3350, -8.2530, 0.8910



135.7980, -20.5830, -17.9510



93.0750, -4.5850, 0.4950



227.0000, -0.0000, -0.0000



99.0000, -0.0000, 0.0000

Same Dimension

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



124.5600, -22.0080, 2.3760



153.9700, -34.8460, 3.7620



111.0590, -15.6830, 14.4050



72.2600, -3.6680, 0.3960



57.0500, -64.1900, 6.9300



5.0040, -5.8230, 0.9050

Inverse Universe

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



122.0880, 20.9040, 17.6400



150.0560, 33.0980, 27.9300



146.9410, 15.6830, -14.4050



71.8480, 3.4840, 2.9400



49.8400, 60.9700, 51.4500



4.5710, 5.8220, 4.6220

Previews

White Background



This preview shows how the YIQ color 124.5600, -22.0080, 2.3760 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 124.5600, -22.0080, 2.3760 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

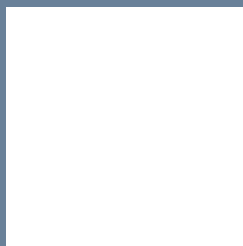
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 124.5600, -22.0080, 2.3760

Background



This preview shows how black text looks on a background with the YIQ color 124.5600, -22.0080, 2.3760.



This preview shows how white text looks on a background with the YIQ color 124.5600, -22.0080,

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

124.5600, -22.0080, 2.3760

Protanopia

126.6540, -10.4090, 6.9270

Deuteranopia

126.8330, -9.3550, 9.8530



Tritanopia

123.4690, -20.4940, -3.0380

Trichromacy



Original Color

124.5600, -22.0080, 2.3760

Protanomaly

125.5610, -14.5810, 5.4430

Deuteranomaly

125.9140, -14.0770, 7.3230

Tritanomaly

123.6370, -20.9070, -1.0590

Monochromacy



Original Color

124.5600, -22.0080, 2.3760

Achromatopsia

125.0000, 0.0000, 0.0000

Achromatomaly

124.6340, -7.6570, 1.1030

CSS Examples

Text

The CSS property to change the color of the text to YIQ 124.5600, -22.0080, 2.3760 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(105, 129, 153)` looks like.

```
.text, #text, p{  
    color:rgb(105, 129, 153)  
}
```

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(105, 129, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 129, 153) }
```

Border

The CSS property to change the border of an element to YIQ 124.5600, -22.0080, 2.3760 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(105, 129, 153) }
```


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

```
.border{ border-color:rgb(105, 129, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(105, 129, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 129, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 129, 153);  
box-shadow:4px 4px 4px 4px rgb(105, 129,  
153) }
```

Background

The CSS property to change the background color of an element to YIQ 124.5600, -22.0080, 2.3760 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 129, 153) }
```

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

```
.background{ background-color: rgb(105,  
129, 153) }
```

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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