

Converting Colors

YIQ(128.7100, -5.9560,
-24.2280)

Have a look what the booklet for
YIQ(128.7100, -5.9560, -24.2280)
contains.

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Color

**YIQ(128.7100, -5.9560,
-24.2280)**

Conversions

Conversions Part 1

Format	Color
Hex	6C925E
RGB	108, 146, 94
RGB Percent	42%, 57%, 37%
CMY	0.5766, 0.4274, 0.6313
CMYK	0.26, 0.00, 0.36, 0.43
HSL	104°, 22%, 47%
HSV	104°, 36%, 57%
XYZ	18.4824, 24.5571, 14.3565
YIQ	128.7100, -5.9560, -24.2280

Conversions

Conversions Part 2

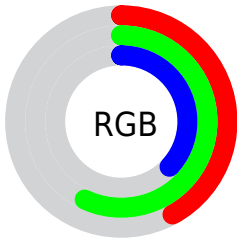
Format	Color
R_{YB}	94, 146, 132
Decimal	7115358
CIE _{Lab}	56.64, -23.43, 23.45
CIE _{LCh}	57, 33.151, 134.983
Yxy	24.5571, 0.3220, 0.4279
Android (android.graphics.Color)	4285305438 (0xFF6C925E)
YUV	128.7100, -17.1120, -18.1627
Hunter-Lab	49.5551, -20.1467, 17.5117

Details

The YIQ color $128.7100, -5.9560, -24.2280$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $111.2900, 5.9560, 24.2280$, and the grayscale version is $129.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $182.0690, -5.5890, -25.3730$, and $78.7640, -6.0480, -22.5600$ is the 20% darker color. If you saturate the color by 10%, you get $123.7110, -7.6970, -31.2250$, and if you desaturate by 10%, it is $133.7090, -4.2150, -17.2310$.

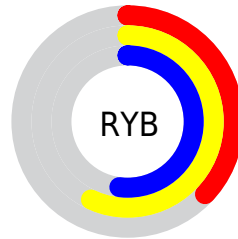
Distribution



Red (42%)

Green (57%)

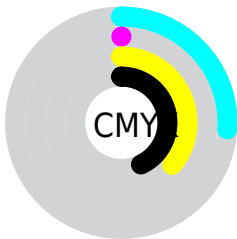
Blue (37%)



Red (37%)

Yellow (57%)

Blue (52%)

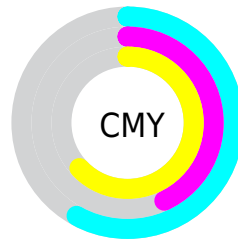


Cyan (26%)

Magenta (0%)

Yellow (36%)

Black (43%)



Cyan (58%)


Magenta (43%)


Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 128.7100, -5.9560, -24.2280 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 128.7100, -5.9560, -24.2280 by changing the saturation by 10% instead.


 128.7100, -5.9560,
-24.2280


 128.7100, -5.9560,
-24.2280


255.0000, -0.0000,
-0.0000

 103.2370, -6.0020,
-23.3940


 181.7700, -6.1850,
-25.5850


 78.7640, -6.0480,
-22.5600


 209.6560, -5.8640,
-25.8960


 54.9920, -6.6900,
-21.9380

 236.9550, -5.2680,
-25.6840

 31.7640, -6.0480,
-22.5600

 248.8180, 3.0280,
-10.8280

 17.0230, -7.9750,
-15.1670

 0.0000, 0.0000,
0.0000

■ 128.7100, -5.9560,
-24.2280

■ 128.7100, -5.9560,
-24.2280

■ 123.7110, -7.6970,
-31.2250

■ 133.7090, -4.2150,
-17.2310

■ 119.1250, -9.1630,
-37.6990

■ 138.2950, -2.7490,
-10.7570

■ 114.1260,
-10.9040, -44.6960

■ 143.2940, -1.0080,
-3.7600

■ 109.2410,
-12.9660, -51.3820

■ 148.1790, 1.0540,
2.9260

■ 104.5410,
-14.1110, -58.1670

■ 152.8790, 2.1990,
9.7110

■ 99.5420, -15.8520,
-65.1640

■ 157.8780, 3.9400,
16.7080

■ 97.3630, -16.9060,
-68.0900

■ 162.7630, 6.0020,
23.3940

■ 167.4630, 7.1470,

30.1790

■ 172.3480, 9.2090,
36.8650

Harmonies

Analogous

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



132.4590, 19.8560, -18.4480



128.7100, -5.9560, -24.2280



122.6600, -38.0500, -26.2900

Triad

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



128.7100, -5.9560, -24.2280



125.4490, -61.3000, -1.3960



138.2340, 43.9200, 19.0240

Complementary

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



128.7100, -5.9560, -24.2280



111.2900, 5.9560, 24.2280

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.



139.5500, 28.6510, 25.9230



128.7100, -5.9560, -24.2280



135.4150, -28.4290, 14.1230

Square

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



128.7100, -5.9560, -24.2280



107.5270, -97.4710, -23.1910



139.3220, 2.9300, 24.0020



136.4110, 47.3150, 7.0510

Rectangle

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



128.7100, -5.9560, -24.2280



116.5570, -62.6250, -26.9530



139.3220, 2.9300, 24.0020



138.4880, 40.3890, 22.4450

Sweetspot

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



128.7100, -5.9560, -24.2280



182.1210, -2.1990, -9.7110



131.2670, 20.8170, -8.3270



89.9410, -1.5120, -5.6400



222.0000, -0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



128.7100, -5.9560, -24.2280



161.8260, -9.7590, -37.9110



125.7780, -17.8310, -23.7750



71.7070, -0.7330, -3.2370



92.0690, -15.8980, -64.3300



6.7670, -0.9620, -4.5940

Inverse Universe

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



111.2900, 5.9560, 24.2280



134.8750, 9.1630, 37.6990



114.2220, 17.8310, 23.7750



69.2930, 0.7330, 3.2370



45.9310, 15.8980, 64.3300



3.2330, 0.9620, 4.5940

Previews

White Background



This preview shows how the YIQ color 128.7100, -5.9560, -24.2280 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 128.7100, -5.9560, -24.2280 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 128.7100, -5.9560, -24.2280

Background



This preview shows how black text looks on a background with the YIQ color 128.7100, -5.9560, -24.2280.



This preview shows how white text looks on a background with the YIQ color 128.7100, -5.9560,

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

128.7100, -5.9560, -24.2280

Protanopia

133.4580, 21.5970, -11.4510

Deuteranopia

135.6210, 28.7480, -3.3800



Tritanopia

133.6760, -16.6430, -1.2430

Trichromacy



Original Color

128.7100, -5.9560, -24.2280

Protanomaly

131.7340, 11.8320, -16.2000

Deuteranomaly

133.3480, 16.0950, -10.8570

Tritanomaly

132.2600, -12.8360, -9.6680

Monochromacy



Original Color

128.7100, -5.9560, -24.2280

Achromatopsia

129.0000, 0.0000, 0.0000

Achromatomaly

128.6480, -2.2450, -8.8770

CSS Examples

Text

The CSS property to change the color of the text to YIQ 128.7100, -5.9560, -24.2280 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(108, 146, 94)` looks like.

```
.text, #text, p{  
    color:rgb(108, 146, 94)  
}
```

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(108, 146, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 146, 94) }
```

Border

The CSS property to change the border of an element to YIQ 128.7100, -5.9560, -24.2280 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(108, 146, 94) }
```


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

```
.border{ border-color:rgb(108, 146, 94) }
```

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

Here you see how a box with a 4 pixel rgb(108, 146, 94) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 146, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 146, 94);  
box-shadow:4px 4px 4px 4px rgb(108, 146,  
94) }
```

Background

The CSS property to change the background color of an element to YIQ 128.7100, -5.9560, -24.2280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 146, 94) }
```

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

```
.background{ background-color: rgb(108,  
146, 94) }
```

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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