

Converting Colors

YIQ(135.1020, -1.1880,
-22.5320)

Have a look what the booklet for
YIQ(135.1020, -1.1880, -22.5320)
contains.

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Color

**YIQ(135.1020, -1.1880,
-22.5320)**

Conversions

Conversions Part 1	
Format	Color
Hex	789662
RGB	120, 150, 98
RGB Percent	47%, 59%, 38%
CMY	0.5295, 0.4117, 0.6156
CMYK	0.20, 0.00, 0.35, 0.41
HSL	95°, 21%, 49%
HSV	95°, 35%, 59%
XYZ	20.8554, 26.6899, 15.6100
YIQ	135.1020, -1.1880, -22.5320

Conversions

Conversions Part 2

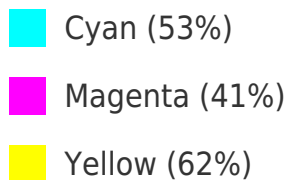
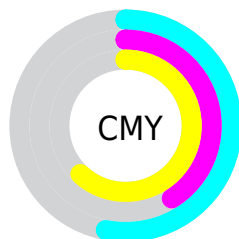
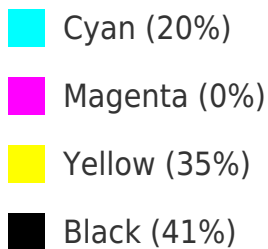
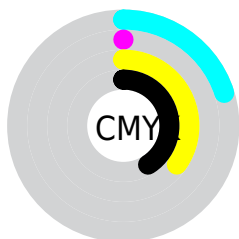
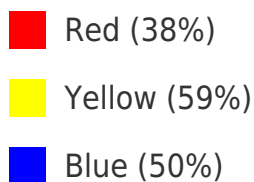
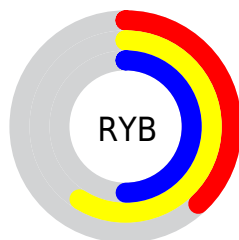
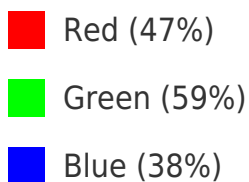
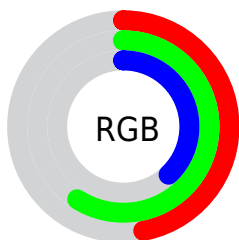
Format	Color
RYB	98, 150, 128
Decimal	7902818
CIELab	58.69, -20.35, 24.09
CIELCh	59, 31.536, 130.181
Yxy	26.6899, 0.3302, 0.4226
Android (android.graphics.Color)	4286092898 (0xFF789662)
YUV	135.1020, -18.2913, -13.2445
Hunter-Lab	51.6622, -18.3506, 18.2488

Details

The YIQ color $135.1020, -1.1880, -22.5320$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $112.8980, 1.1880, 22.5320$, and the grayscale version is $135.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $188.4610, -0.8210, -23.6770$, and $84.8570, -1.8760, -21.0760$ is the 20% darker color. If you saturate the color by 10%, you get $130.7010, -1.7370, -29.1050$, and if you desaturate by 10%, it is $139.5030, -0.6390, -15.9590$.

Distribution





Brightness & Saturation


Gradients

These gradients show how the YIQ color 135.1020, -1.1880, -22.5320 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 135.1020, -1.1880, -22.5320 by changing the saturation by 10% instead.


 135.1020, -1.1880,
-22.5320


 135.1020, -1.1880,
-22.5320


 255.0000, -0.0000,
-0.0000

 109.6290, -1.2340,
-21.6980


 188.4610, -0.8210,
-23.6770

 84.8570, -1.8760,
-21.0760


 216.9340, -0.7750,
-24.5110


 61.2700, -1.6010,
-20.5530

 241.4120, 0.8750,
-21.3730

 38.2700, -1.6010,
-20.5530

 252.3780, 7.3830,
-7.1530

 18.1970, -8.5250,
-16.2130

 0.0000, 0.0000,
0.0000

■ 135.1020, -1.1880,
-22.5320

■ 135.1020, -1.1880,
-22.5320

■ 130.7010, -1.7370,
-29.1050

■ 139.5030, -0.6390,
-15.9590

■ 126.5990, -1.6900,
-35.4660

■ 143.6050, -0.6860,
-9.5980

■ 122.1980, -2.2390,
-42.0390

■ 148.0060, -0.1370,
-3.0250

■ 117.7970, -2.7880,
-48.6120

■ 152.4070, 0.4120,
3.5480

■ 113.6950, -2.7410,
-54.9730

■ 156.5090, 0.3650,
9.9090

■ 109.2940, -3.2900,
-61.5460

■ 160.9100, 0.9140,
16.4820

■ 106.8870, -3.7020,
-65.0940

■ 165.3110, 1.4630,
23.0550

■ 169.4130, 1.4160,

29.4160

■ 173.8140, 1.9650,
35.9890

Harmonies

Analogous

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



138.5950, 22.4690, -16.2430



135.1020, -1.1880, -22.5320



130.6070, -30.5310, -24.8910

Triad

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



135.1020, -1.1880, -22.5320



130.6940, -60.6120, -2.8520



143.9070, 40.5270, 19.9430

Complementary

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



135.1020, -1.1880, -22.5320



112.8980, 1.1880, 22.5320

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.



144.9840, 24.4330, 25.2730



135.1020, -1.1880, -22.5320



139.9800, -31.6380, 11.7060

Square

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



135.1020, -1.1880, -22.5320



120.6280, -78.5820, -18.5980



144.7020, -1.1960, 21.6840



142.0950, 45.3890, 8.9170

Rectangle

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



135.1020, -1.1880, -22.5320



126.0700, -50.8880, -24.9040



144.7020, -1.1960, 21.6840



144.3350, 36.4460, 22.3180

Sweetspot

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



135.1020, -1.1880, -22.5320



188.4310, -0.1360, -8.5520



130.5710, 23.0170, -4.1430



93.5390, -0.3200, -5.2160



224.0000, -0.0000, 0.0000



97.0000, -0.0000, 0.0000

Same Dimension

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



135.1020, -1.1880, -22.5320



170.5990, -1.6900, -35.4660



128.8660, -15.2630, -26.2630



72.0060, -0.1370, -3.0250



98.3480, -3.3820, -59.8780



7.0660, -0.3660, -4.3820

Inverse Universe

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



112.8980, 1.1880, 22.5320



135.4010, 1.6900, 35.4660



119.1340, 15.2630, 26.2630



68.9940, 0.1370, 3.0250



39.6520, 3.3820, 59.8780



2.9340, 0.3660, 4.3820

Previews

White Background



This preview shows how the YIQ color 135.1020, -1.1880, -22.5320 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 135.1020, -1.1880, -22.5320 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

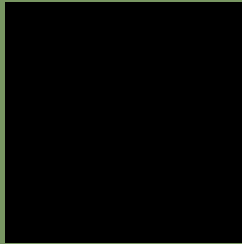
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 135.1020, -1.1880, -22.5320

Background



This preview shows how black text looks on a background with the YIQ color 135.1020, -1.1880, -22.5320.



This preview shows how white text looks on a background with the YIQ color 135.1020, -1.1880,

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

135.1020, -1.1880, -22.5320

Protanopia

139.2300, 22.2390, -12.0730

Deuteranopia

140.6920, 29.9860, -3.7900



Tritanopia

140.0680, -11.8750, 0.4530

Trichromacy



Original Color
135.1020, -1.1880, -22.5320

Protanomaly
137.5170, 13.9410, -15.8750

Deuteranomaly
138.4300, 18.8000, -10.3200

Tritanomaly
138.6520, -8.0680, -7.9720

Monochromacy



Original Color
135.1020, -1.1880, -22.5320

Achromatopsia
135.0000, -0.0000, -0.0000

Achromatomaly
134.9580, -0.1820, -7.7180

CSS Examples

Text

The CSS property to change the color of the text to YIQ 135.1020, -1.1880, -22.5320 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(120, 150, 98)` looks like.

```
.text, #text, p{  
    color:rgb(120, 150, 98)  
}
```

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(120, 150, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 150, 98) }
```

Border

The CSS property to change the border of an element to YIQ 135.1020, -1.1880, -22.5320 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(120, 150, 98) }
```


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

```
.border{ border-color:rgb(120, 150, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 150, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 150, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 150, 98);  
box-shadow:4px 4px 4px 4px rgb(120, 150,  
98) }
```

Background

The CSS property to change the background color of an element to YIQ 135.1020, -1.1880, -22.5320 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 150, 98) }
```

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

```
.background{ background-color: rgb(120,  
150, 98) }
```

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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