

Converting Colors

YIQ(136.4020, -27.5550,
-1.7230)

Have a look what the booklet for
YIQ(136.4020, -27.5550, -1.7230)
contains.

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Color

**YIQ(136.4020, -27.5550,
-1.7230)**

Conversions

Conversions Part 1

Format	Color
Hex	6D91A4
RGB	109, 145, 164
RGB Percent	43%, 57%, 64%
CMY	0.5726, 0.4313, 0.3570
CMYK	0.34, 0.12, 0.00, 0.36
HSL	201°, 23%, 54%
HSV	201°, 34%, 64%
XYZ	23.1301, 26.1846, 38.9420
YIQ	136.4020, -27.5550, -1.7230

Conversions

Conversions Part 2

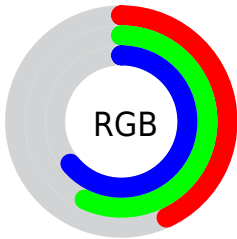
Format	Color
R_{YB}	109, 131, 164
Decimal	7180708
CIE _{Lab}	58.21, -7.71, -14.01
CIE _{LCh}	58, 15.997, 241.166
Yxy	26.1846, 0.2621, 0.2967
Android (android.graphics.Color)	4285370788 (0xFF6D91A4)
YUV	136.4020, 13.6058, -24.0316
Hunter-Lab	51.1709, -8.8644, -9.3011

Details

The YIQ color $136.4020, -27.5550, -1.7230$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $136.5980, 27.5550, 1.7230$, and the grayscale version is $136.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $190.2170, -28.4720, -1.6240$, and $86.1740, -26.9130, -2.3450$ is the 20% darker color. If you saturate the color by 10%, you get $128.0960, -35.4410, -1.9770$, and if you desaturate by 10%, it is $144.7080, -19.6690, -1.4690$.

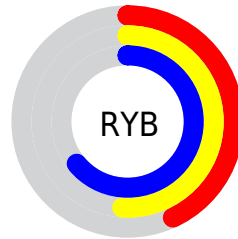
Distribution



Red (43%)

Green (57%)

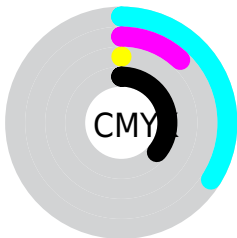
Blue (64%)



Red (43%)

Yellow (51%)

Blue (64%)

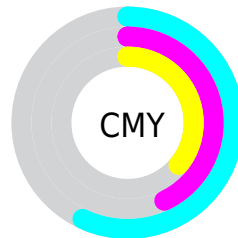


Cyan (34%)

Magenta (12%)

Yellow (0%)

Black (36%)



Cyan (57%)

Magenta (43%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 136.4020, -27.5550, -1.7230 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 136.4020, -27.5550, -1.7230 by changing the saturation by 10% instead.

■ 136.4020,
-27.5550, -1.7230

■ 136.4020,
-27.5550, -1.7230

■ 255.0000, -0.0000,
-0.0000

■ 110.4020,
-27.5550, -1.7230

■ 190.2170,
-28.4720, -1.6240

■ 86.1740, -26.9130,
-2.3450

■ 218.2170,
-28.4720, -1.6240

■ 61.8750, -27.5090,
-2.5570

■ 243.9370,
-22.0520, -7.8440

■ 37.5540, -31.0390,
-4.6630

■ 252.6080, -4.7680,
-1.6960

■ 21.2240, -21.1820,
-1.5820

■ 3.0950, -7.3370,
6.3190

■ 0.0000, 0.0000,

0.0000

■ 136.4020,
-27.5550, -1.7230

■ 136.4020,
-27.5550, -1.7230

■ 128.0960,
-35.4410, -1.9770

■ 144.7080,
-19.6690, -1.4690

■ 120.0780,
-44.1980, -2.9660

■ 152.7260,
-10.9120, -0.4800

■ 111.7720,
-52.0840, -3.2200

■ 161.0320, -3.0260,
-0.2260

■ 103.1670,
-60.5660, -3.6860

■ 169.6370, 5.4560,
0.2400

■ 95.4480, -68.7270,
-4.4630

■ 177.3560, 13.6170,
1.0170

■ 87.1420, -76.6130,
-4.7170

■ 185.6620, 21.5030,
1.2710

■ 81.5050, -82.0690,
-4.9570

■ 194.2670, 29.9850,
1.7370

■ 201.9860, 38.1460,
2.5140

■ 209.9930, 45.4360,
2.5560

Harmonies

Analogous

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



134.9300, -29.3420, -7.8860



136.4020, -27.5550, -1.7230



139.2940, -18.2030, 5.0050

Triad

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



136.4020, -27.5550, -1.7230



142.5020, 19.4380, 11.1660



137.5300, 3.8990, -10.0930

Complementary

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



136.4020, -27.5550, -1.7230



136.5980, 27.5550, 1.7230

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.



139.2110, 15.2230, -6.0650



136.4020, -27.5550, -1.7230



141.7920, 24.2530, 6.5010

Square

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



136.4020, -27.5550, -1.7230



142.5810, 9.0300, 12.5660



140.9070, 22.1910, -0.1850



136.2340, -9.9470, -12.4670

Rectangle

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



136.4020, -27.5550, -1.7230



140.8930, -9.5840, 8.4960



140.9070, 22.1910, -0.1850



138.2100, 7.7960, -9.1320

Sweetspot

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



136.4020, -27.5550, -1.7230



203.6120, -10.5910, -0.7910



143.3370, -20.9030, -23.1670



100.7650, -6.6480, -0.6640



235.0000, 0.0000, -0.0000



107.0000, -0.0000, 0.0000

Same Dimension

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



136.4020, -27.5550, -1.7230



171.5620, -42.6850, -2.8530



120.5530, -20.1300, 12.3980



77.5480, -4.5390, -0.3390



72.2950, -72.6700, -4.5900



9.0960, -9.0780, -0.6780

Inverse Universe

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



129.5490, 21.2240, 22.8560



160.7990, 32.6840, 35.4360



152.4470, 20.1300, -12.3980



76.3750, 3.4380, 3.7740



54.1850, 55.9250, 60.2850



6.7500, 6.8760, 7.5480

Previews

White Background



This preview shows how the YIQ color 136.4020, -27.5550, -1.7230 looks on a white background.

Color Contrast Check

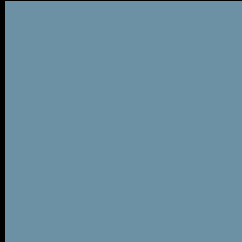
Large Text (above 18pt) WCAG AA ✓ Pass

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 136.4020, -27.5550, -1.7230 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

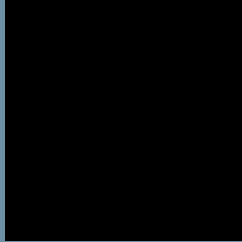
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

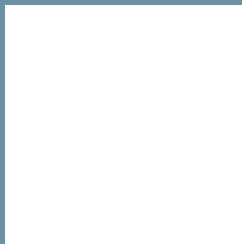
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 136.4020, -27.5550, -1.7230

Background



This preview shows how black text looks on a background with the YIQ color 136.4020, -27.5550, -1.7230.



This preview shows how white text looks on a background with the YIQ color 136.4020, -27.5550, -1.7230.

-1.7230.

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

136.4020, -27.5550, -1.7230

Protanopia

139.9100, -8.2540, 6.4180

Deuteranopia

140.6160, -7.2460, 10.1780



Tritanopia

136.0060, -26.5000, -4.3240

Trichromacy



Original Color

136.4020, -27.5550, -1.7230

Protanomaly

138.7950, -15.3600, 3.0400

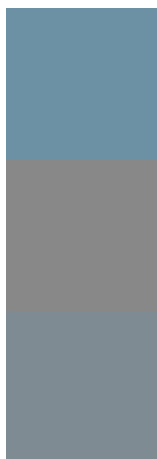
Deuteranomaly

138.9740, -14.3060, 5.9660

Tritanomaly

136.2340, -27.1420, -3.7020

Monochromacy



Original Color

136.4020, -27.5550, -1.7230

Achromatopsia

136.0000, -0.0000, 0.0000

Achromatomaly

135.9110, -9.9950, -0.5790

CSS Examples

Text

The CSS property to change the color of the text to YIQ 136.4020, -27.5550, -1.7230 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(109, 145, 164)` looks like.

```
.text, #text, p{  
    color:rgb(109, 145, 164)  
}
```

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(109, 145, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 145, 164) }
```

Border

The CSS property to change the border of an element to YIQ 136.4020, -27.5550, -1.7230 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(109, 145, 164) }
```


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

```
.border{ border-color:rgb(109, 145, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 145, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 145, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 145, 164);  
box-shadow:4px 4px 4px 4px rgb(109, 145,  
164) }
```

Background

The CSS property to change the background color of an element to YIQ 136.4020, -27.5550, -1.7230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 145, 164) }
```

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

```
.background{ background-color: rgb(109,  
145, 164) }
```

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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