

Converting Colors

YIQ(140.1120, -23.2020,
13.0060)

Have a look what the booklet for
YIQ(140.1120, -23.2020, 13.0060)
contains.

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Color

**YIQ(140.1120, -23.2020,
13.0060)**

Conversions

Conversions Part 1

Format	Color
Hex	7E8ABC
RGB	126, 138, 188
RGB Percent	49%, 54%, 74%
CMY	0.5059, 0.4588, 0.2629
CMYK	0.33, 0.27, 0.00, 0.26
HSL	228°, 32%, 62%
HSV	228°, 33%, 74%
XYZ	26.7670, 26.2435, 51.2128
YIQ	140.1120, -23.2020, 13.0060

Conversions

Conversions Part 2

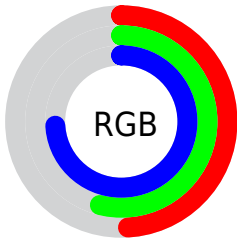
Format	Color
R _Y B	126, 136, 188
Decimal	8293052
CIE Lab	58.27, 7.62, -27.49
CIE LCh	58, 28.526, 285.487
Yxy	26.2435, 0.2568, 0.2518
Android (android.graphics.Color)	4286483132 (0xFF7E8ABC)
YUV	140.1120, 23.6088, -12.3762
Hunter-Lab	51.2284, 3.6170, -23.4121

Details

The YIQ color $140.1120, -23.2020, 13.0060$ is a dark color, and the websafe version is hex $9999CC$. A complement of this color would be $173.8880, 23.2020, -13.0060$, and the grayscale version is $140.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $193.7530, -23.5690, 14.1510$, and $89.1720, -23.4310, 11.6490$ is the 20% darker color. If you saturate the color by 10%, you get $125.6260, -30.4010, 16.8230$, and if you desaturate by 10%, it is $154.5980, -16.0030, 9.1890$.

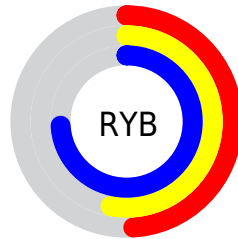
Distribution



Red (49%)

Green (54%)

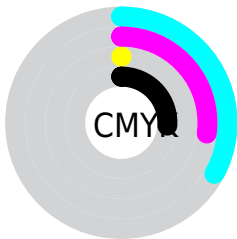
Blue (74%)



Red (49%)

Yellow (53%)

Blue (74%)

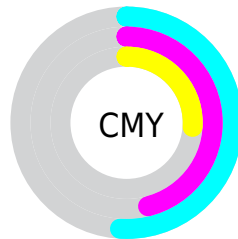


Cyan (33%)

Magenta (27%)

Yellow (0%)

Black (26%)



Cyan (51%)

Magenta (46%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 140.1120, -23.2020, 13.0060 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 140.1120, -23.2020, 13.0060 by changing the saturation by 10% instead.

■ 140.1120,
-23.2020, 13.0060

■ 140.1120,
-23.2020, 13.0060

■ 255.0000, -0.0000,
-0.0000

■ 114.5850,
-23.1560, 12.1720

■ 193.7530,
-23.5690, 14.1510

■ 89.0580, -23.1100,
11.3380

■ 219.8150,
-18.1120, 8.8640

■ 65.2320, -23.6600,
10.2920

■ 245.5090, -8.8030,
-0.1550

■ 41.6940, -25.0810,
8.5110

■ 20.4550, -25.9060,
6.9420

■ 6.2070, -13.3440,
10.5600

■ 2.4110, -5.4110,

4.4530

■ 0.0000, 0.0000,
0.0000

■ 140.1120,
-23.2020, 13.0060

■ 140.1120,
-23.2020, 13.0060

■ 125.6260,
-30.4010, 16.8230

■ 154.5980,
-16.0030, 9.1890

■ 111.1400,
-37.6000, 20.6400

■ 169.0840, -8.8040,
5.3720

■ 96.9530, -44.2030,
24.6690

■ 183.2710, -2.2010,
1.3430

■ 81.8800, -51.1270,
29.0090

■ 198.3440, 4.7230,
-2.9970

■ 67.3940, -58.3260,
32.8260

■ 212.8300, 11.9220,
-6.8140

■ 52.9080, -65.5250,
36.6430

■ 227.3160, 19.1210,
-10.6310

■ 42.5640, -70.2480,
39.6400

■ 240.9050, 24.5320,
-15.0840

■ 247.3620, 21.5070,
-20.8370

Harmonies

Analogous

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



133.1470, -48.6460, 0.5540



140.1120, -23.2020, 13.0060



143.2140, 3.1140, 20.6660

Triad

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



140.1120, -23.2020, 13.0060



141.0620, 40.9880, 6.0760



130.0030, -31.5860, -22.2900

Complementary

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



140.1120, -23.2020, 13.0060



173.8880, 23.2020, -13.0060

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.



134.0030, -5.2230, -20.9910



140.1120, -23.2020, 13.0060



139.3780, 33.7460, -5.8540

Square

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



140.1120, -23.2020, 13.0060



142.4290, 38.8770, 16.8050



137.3710, 17.2880, -15.9600



125.7800, -55.7030, -20.2390

Rectangle

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



140.1120, -23.2020, 13.0060



143.7660, 19.1150, 22.5310



137.3710, 17.2880, -15.9600



131.4940, -22.7830, -22.1350

Sweetspot

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



140.1120, -23.2020, 13.0060



225.7850, -9.4000, 5.1600



168.0940, -33.1000, -16.8760



111.3570, -5.3190, 2.7850



250.0000, 0.0000, 0.0000



122.0000, 0.0000, -0.0000

Same Dimension

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



140.1120, -23.2020, 13.0060



169.3250, -36.6830, 20.5410



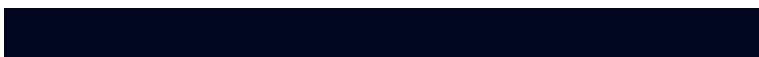
138.7490, -8.5780, 23.3100



87.2000, -3.4390, 1.7530



36.2090, -59.2430, 32.9250



7.0560, -11.6010, 6.5030

Inverse Universe

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



145.9060, 33.1000, 16.8760



178.4680, 52.3090, 26.6850



175.2510, 8.5780, -23.3100



87.9190, 4.7220, 2.5300



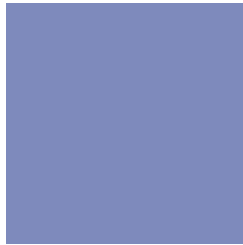
50.7760, 84.2170, 43.1370



9.9530, 16.5500, 8.4380

Previews

White Background



This preview shows how the YIQ color 140.1120, -23.2020, 13.0060 looks on a white background.

Color Contrast Check

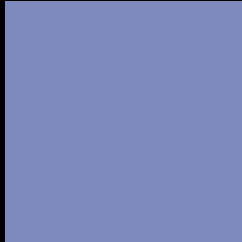
Large Text (above 18pt) WCAG AA ✓ Pass

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 140.1120, -23.2020, 13.0060 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 140.1120, -23.2020, 13.0060

Background



This preview shows how black text looks on a background with the YIQ color 140.1120, -23.2020, 13.0060.



This preview shows how white text looks on a background with the YIQ color 140.1120, -23.2020, 13.0060.

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

140.1120, -23.2020, 13.0060

Protanopia

140.1120, -23.2020, 13.0060

Deuteranopia

140.4110, -22.6060, 13.2180



Tritanopia

137.8930, -18.7520, -1.5680

Trichromacy



Original Color

140.1120, -23.2020, 13.0060

Protanomaly

140.1120, -23.2020, 13.0060

Deuteranomaly

140.4110, -22.6060, 13.2180

Tritanomaly

138.9840, -20.2660, 3.8460

Monochromacy



Original Color

140.1120, -23.2020, 13.0060

Achromatopsia

140.0000, 0.0000, 0.0000

Achromatomaly

139.8560, -8.1620, 4.7500

CSS Examples

Text

The CSS property to change the color of the text to YIQ 140.1120, -23.2020, 13.0060 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(126, 138, 188)` looks like.

```
.text, #text, p{  
    color:rgb(126, 138, 188)  
}
```

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(126, 138, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 138, 188) }
```

Border

The CSS property to change the border of an element to YIQ 140.1120, -23.2020, 13.0060 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(126, 138, 188) }
```


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

```
.border{ border-color:rgb(126, 138, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 138, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(126, 138, 188); -webkit-box-shadow:4px 4px 4px 4px rgb(126, 138, 188); box-shadow:4px 4px 4px 4px rgb(126, 138, 188) }
```

Background

The CSS property to change the background color of an element to YIQ 140.1120, -23.2020, 13.0060 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 138, 188) }
```

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

```
.background{ background-color: rgb(126,  
138, 188) }
```

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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