

Converting Colors

YIQ(146.5550, -23.6120,
-1.5960)

Have a look what the booklet for
YIQ(146.5550, -23.6120, -1.5960)
contains.

YIQ(146.5550, -23.6120, -1.5960)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(146.5550, -23.6120,
-1.5960)**

Conversions

Conversions Part 1

Format	Color
Hex	7B9AAA
RGB	123, 154, 170
RGB Percent	48%, 60%, 67%
CMY	0.5177, 0.3960, 0.3334
CMYK	0.28, 0.09, 0.00, 0.33
HSL	200°, 22%, 57%
HSV	200°, 28%, 67%
XYZ	26.9769, 30.2265, 42.4293
YIQ	146.5550, -23.6120, -1.5960

Conversions

Conversions Part 2

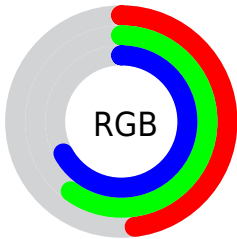
Format	Color
RYB	123, 142, 170
Decimal	8100522
CIELab	61.85, -6.97, -11.86
CIElCh	62, 13.755, 239.570
Yxy	30.2265, 0.2708, 0.3034
Android (android.graphics.Color)	4286290602 (0xFF7B9AAA)
YUV	146.5550, 11.5584, -20.6577
Hunter-Lab	54.9787, -8.6262, -7.2714

Details

The YIQ color $146.5550, -23.6120, -1.5960$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $146.4450, 23.6120, 1.5960$, and the grayscale version is $146.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $200.3700, -24.5290, -1.4970$, and $95.7400, -22.6950, -1.6950$ is the 20% darker color. If you saturate the color by 10%, you get $137.9500, -32.0940, -2.0620$, and if you desaturate by 10%, it is $155.1600, -15.1300, -1.1300$.

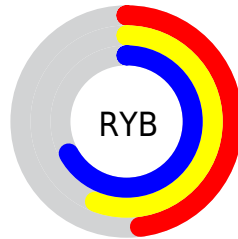
Distribution



Red (48%)

Green (60%)

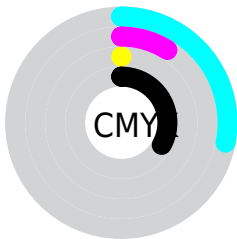
Blue (67%)



Red (48%)

Yellow (56%)

Blue (67%)

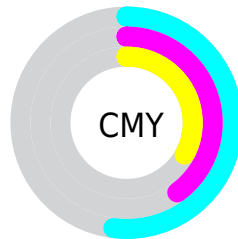


Cyan (28%)

Magenta (9%)

Yellow (0%)

Black (33%)



Cyan (52%)

Magenta (40%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 146.5550, -23.6120, -1.5960 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 146.5550, -23.6120, -1.5960 by changing the saturation by 10% instead.

■ 146.5550,
-23.6120, -1.5960

■ 146.5550,
-23.6120, -1.5960

■ 255.0000, -0.0000,
-0.0000

■ 120.4410,
-23.2910, -1.9070

■ 200.3700,
-24.5290, -1.4970

■ 95.7400, -22.6950,
-1.6950

■ 229.0710,
-25.1250, -1.7090

■ 71.3270, -22.9700,
-2.2180

■ 248.4220,
-13.1120, -4.6640

■ 48.0280, -23.5660,
-2.4300

■ 25.9030, -24.7120,
-3.6880

■ 10.7090, -12.2420,
1.5980

■ 0.0000, 0.0000,

0.0000

■ 146.5550,
-23.6120, -1.5960

■ 146.5550,
-23.6120, -1.5960

■ 137.9500,
-32.0940, -2.0620

■ 155.1600,
-15.1300, -1.1300

■ 129.3450,
-40.5760, -2.5280

■ 163.7650, -6.6480,
-0.6640

■ 121.3270,
-49.3330, -3.5170

■ 171.7830, 2.1090,
0.3250

■ 112.7220,
-57.8150, -3.9830

■ 180.3880, 10.5910,
0.7910

■ 104.1170,
-66.2970, -4.4490

■ 188.9930, 19.0730,
1.2570

■ 95.5120, -74.7790,
-4.9150

■ 197.5980, 27.5550,
1.7230

■ 87.4940, -83.5360,
-5.9040

■ 205.6160, 36.3120,
2.7120

■ 85.1240, -85.3700,
-5.7060

■ 213.0250, 42.4100,
2.3300

■ 216.5470, 40.7600,
-0.8080

Harmonies

Analogous

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



145.2080, -24.2530, -6.5010



146.5550, -23.6120, -1.5960



148.4360, -15.7270, 4.1850

Triad

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



146.5550, -23.6120, -1.5960



151.8930, 16.7790, 9.7950



147.4700, 4.1280, -8.7360

Complementary

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



146.5550, -23.6120, -1.5960



146.4450, 23.6120, 1.5960

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.



148.6670, 13.9390, -4.8210



146.5550, -23.6120, -1.5960



151.4110, 20.9520, 5.7520

Square

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



146.5550, -23.6120, -1.5960



151.7440, 7.0130, 10.5730



150.6510, 20.0360, 0.3240



146.0710, -7.9300, -10.4740

Rectangle

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



146.5550, -23.6120, -1.5960



150.1380, -8.8960, 7.0400



150.6510, 20.0360, 0.3240



148.1500, 8.0250, -7.7750

Sweetspot

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



146.5550, -23.6120, -1.5960



213.0960, -9.0780, -0.6780



152.4130, -18.0610, -19.6050



106.3630, -5.4560, -0.2400



240.0000, -0.0000, -0.0000



112.0000, -0.0000, 0.0000

Same Dimension

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



146.5550, -23.6120, -1.5960



185.4980, -36.6330, -2.4010



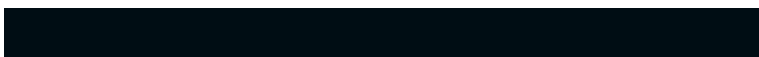
133.0540, -17.2870, 10.4330



79.8470, -3.9430, -0.1270



74.3980, -74.4580, -5.2260



9.9110, -9.9950, -0.5790

Inverse Universe

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



140.5870, 18.0610, 19.6050



176.2990, 28.1000, 30.4040



159.9460, 17.2870, -10.4330



78.9620, 3.1630, 3.2510



55.4240, 56.7500, 61.8540



7.4620, 7.7470, 8.2830

Previews

White Background



This preview shows how the YIQ color 146.5550, -23.6120, -1.5960 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 146.5550, -23.6120, -1.5960 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

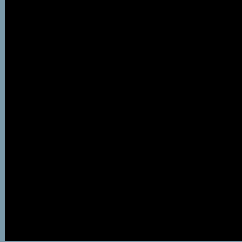
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 146.5550, -23.6120, -1.5960

Background



This preview shows how black text looks on a background with the YIQ color 146.5550, -23.6120, -1.5960.



This preview shows how white text looks on a background with the YIQ color 146.5550, -23.6120, -1.5960.

-1.5960.

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

146.5550, -23.6120, -1.5960

Protanopia

149.7530, -6.3740, 5.3860

Deuteranopia

150.4700, -3.8990, 10.0930



Tritanopia

146.5010, -23.5200, -3.2640

Trichromacy



Original Color

146.5550, -23.6120, -1.5960

Protanomaly

148.3500, -12.6090, 2.7430

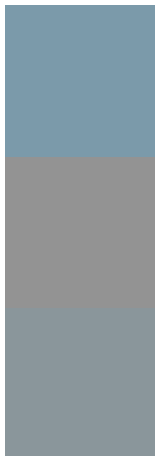
Deuteranomaly

148.8280, -10.9590, 5.8810

Tritanomaly

146.6150, -23.8410, -2.9530

Monochromacy



Original Color

146.5550, -23.6120, -1.5960

Achromatopsia

147.0000, -0.0000, 0.0000

Achromatomaly

146.9820, -8.7570, -0.9890

CSS Examples

Text

The CSS property to change the color of the text to YIQ 146.5550, -23.6120, -1.5960 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(123, 154, 170)` looks like.

```
.text, #text, p{  
    color:rgb(123, 154, 170)  
}
```

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(123, 154, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 154, 170) }
```

Border

The CSS property to change the border of an element to YIQ 146.5550, -23.6120, -1.5960 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(123, 154, 170) }
```


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

```
.border{ border-color:rgb(123, 154, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 154, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 154, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 154, 170);  
box-shadow:4px 4px 4px 4px rgb(123, 154,  
170) }
```

Background

The CSS property to change the background color of an element to YIQ 146.5550, -23.6120, -1.5960 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 154, 170) }
```

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

```
.background{ background-color: rgb(123,  
154, 170) }
```

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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