

Converting Colors

YIQ(142.7960, -69.8270,
-6.5550)

Have a look what the booklet for
YIQ(142.7960, -69.8270, -6.5550)
contains.

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Color

**YIQ(142.7960, -69.8270,
-6.5550)**

Conversions

Conversions Part 1

Format	Color
Hex	48A6D1
RGB	72, 166, 209
RGB Percent	28%, 65%, 82%
CMY	0.7178, 0.3489, 0.1807
CMYK	0.66, 0.21, 0.00, 0.18
HSL	199°, 60%, 55%
HSV	199°, 66%, 82%
XYZ	27.8110, 33.2622, 65.2247
YIQ	142.7960, -69.8270, -6.5550

Conversions

Conversions Part 2

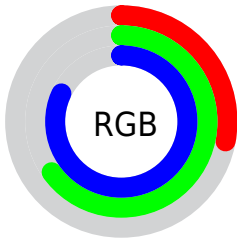
Format	Color
RYB	72, 128, 209
Decimal	4761297
CIELab	64.37, -14.49, -30.02
CIElCh	64, 33.337, 244.234
Yxy	33.2622, 0.2202, 0.2634
Android (android.graphics.Color)	4282951377 (0xFF48A6D1)
YUV	142.7960, 32.6386, -62.0881
Hunter-Lab	57.6734, -14.8529, -26.6816

Details

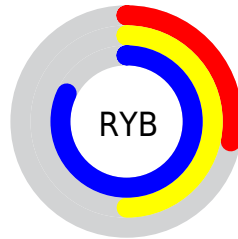
The YIQ color **142.7960, -69.8270, -6.5550** is a light color, and the websafe version is hex **3399CC**. The color can be described as light muted azure. A complement of this color would be **138.2040, 69.8270, 6.5550**, and the grayscale version is **143.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **198.8630, -62.7660, -7.8700**, and **84.4740, -80.7840, -11.7280** is the 20% darker color. If you saturate the color by 10%, you get **132.9950, -80.6930, -7.8690**, and if you desaturate by 10%, it is **153.1840, -59.2360, -5.7640**.

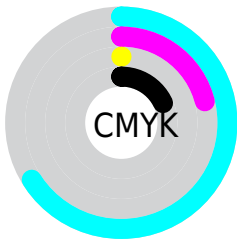
Distribution



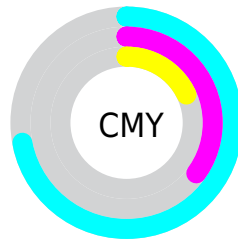
- Red (28%)
- Green (65%)
- Blue (82%)



- Red (28%)
- Yellow (50%)
- Blue (82%)



- Cyan (66%)
- Magenta (21%)
- Yellow (0%)
- Black (18%)



- Cyan (72%)
- Magenta (35%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 142.7960, -69.8270, -6.5550 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 142.7960, -69.8270, -6.5550 by changing the saturation by 10% instead.

■ 142.7960,
-69.8270, -6.5550

■ 142.7960,
-69.8270, -6.5550

■ 255.0000, -0.0000,
-0.0000

■ 112.6810,
-76.9330, -9.9330

■ 198.8630,
-62.7660, -7.8700

■ 84.4740, -80.7840,
-11.7280

■ 224.5570,
-53.4570, -16.8890

■ 67.4220, -65.8380,
-7.2620

■ 236.4620,
-36.9520, -13.1440

■ 50.4840, -51.2130,
-2.4850

■ 245.4320,
-19.0720, -6.7840

■ 34.8340, -37.4590,
1.5570

■ 254.4020, -1.1920,
-0.4240

■ 20.9450, -24.5300,
4.0300

■ 5.0500, -11.4640,

9.5280

■ 0.7980, -2.2470,
2.1770

■ 0.0000, 0.0000,
0.0000

■ 142.7960,
-69.8270, -6.5550

■ 142.7960,
-69.8270, -6.5550

■ 132.9950,
-80.6930, -7.8690

■ 153.1840,
-59.2360, -5.7640

■ 122.6070,
-91.2840, -8.6600

■ 162.9850,
-48.3700, -4.4500

■ 112.2190,
-101.8750, -9.4510

■ 173.3730,
-37.7790, -3.6590

■ 108.3540,
-106.6890, -10.3130

■ 183.1740,
-26.9130, -2.3450

■ 193.2630,
-16.9180, -1.7660

■ 203.0640, -6.0520,
-0.4520

■ 213.4520, 4.5390,
0.3390

■ 223.2530, 15.4050,
1.6530

■ 232.1460, 23.0160,
1.3840

Harmonies

Analogous

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



134.4810, -82.6620, -21.7500



142.7960, -69.8270, -6.5550



153.4350, -40.3490, 9.8830

Triad

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



142.7960, -69.8270, -6.5550



159.2000, 41.2600, 23.1800



150.2120, 4.3140, -23.1260

Complementary

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



142.7960, -69.8270, -6.5550



138.2040, 69.8270, 6.5550

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.



153.9440, 28.7960, -15.2680



142.7960, -69.8270, -6.5550



157.9430, 48.8730, 11.8570

Square

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



142.7960, -69.8270, -6.5550



160.0700, 21.3150, 26.7150



155.7600, 44.4740, -2.0380



145.5920, -26.1750, -26.7430

Rectangle

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



142.7960, -69.8270, -6.5550



157.4380, -18.0680, 19.0840



155.7600, 44.4740, -2.0380



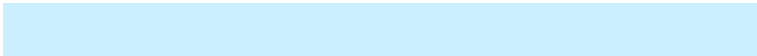
151.7570, 13.0250, -21.3030

Sweetspot

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



142.7960, -69.8270, -6.5550



230.3590, -25.9960, -2.4440



157.0930, -50.8360, -58.9000



112.8610, -15.7260, -1.3420



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

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



142.7960, -69.8270, -6.5550



157.9200, -102.4710, -9.6630



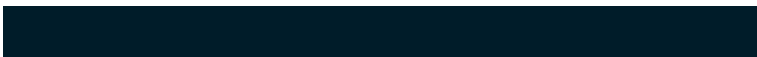
103.4670, -51.4020, 28.4860



99.3630, -5.4560, -0.2400



87.2440, -85.8280, -8.4200



21.1100, -20.8610, -1.8930

Inverse Universe

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



123.6790, 51.4780, 58.2780



129.8310, 75.4980, 85.5300



177.5330, 51.4020, -28.4860



98.0870, 4.3090, 4.5090



63.4560, 62.8920, 71.6920



15.4510, 15.4480, 17.4000

Previews

White Background



This preview shows how the YIQ color 142.7960, -69.8270, -6.5550 looks on a white background.

Color Contrast Check

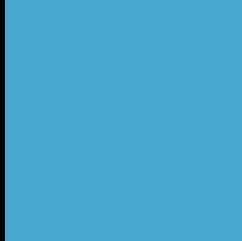
Large Text (above 18pt) WCAG AA × Fail

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 142.7960, -69.8270, -6.5550 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 142.7960, -69.8270, -6.5550

Background



This preview shows how black text looks on a background with the YIQ color 142.7960, -69.8270, -6.5550.



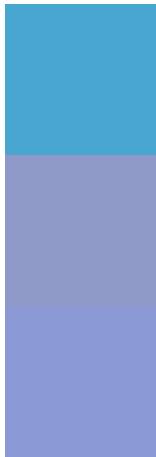
This preview shows how white text looks on a background with the YIQ color 142.7960, -69.8270, -6.5550.

-6.5550.

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

142.7960, -69.8270, -6.5550

Protanopia

155.3680, -21.0470, 12.4970

Deuteranopia

155.2410, -27.8790, 15.1690



Tritanopia

138.1080, -71.2460, -19.3900

Trichromacy



Original Color

142.7960, -69.8270, -6.5550

Protanomaly

150.8710, -38.8810, 5.3030

Deuteranomaly

150.8860, -43.2370, 7.1550

Tritanomaly

140.0420, -70.8800, -15.0080

Monochromacy



Original Color

142.7960, -69.8270, -6.5550

Achromatopsia

143.0000, -0.0000, 0.0000

Achromatomaly

142.6580, -25.4000, -2.2320

CSS Examples

Text

The CSS property to change the color of the text to YIQ 142.7960, -69.8270, -6.5550 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(72, 166, 209)` looks like.

```
.text, #text, p{  
    color:rgb(72, 166, 209)  
}
```

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(72, 166, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(72, 166, 209) }
```

Border

The CSS property to change the border of an element to YIQ 142.7960, -69.8270, -6.5550 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(72, 166, 209) }
```


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

```
.border{ border-color:rgb(72, 166, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(72, 166, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(72, 166, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(72, 166, 209);  
box-shadow:4px 4px 4px 4px rgb(72, 166,  
209) }
```

Background

The CSS property to change the background color of an element to YIQ 142.7960, -69.8270, -6.5550 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(72, 166, 209) }
```

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

```
.background{ background-color: rgb(72, 166,  
209) }
```

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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