

Converting Colors

YIQ(147.5960, -30.8570, 3.0550)

Have a look what the booklet for
YIQ(147.5960, -30.8570, 3.0550)
contains.

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Color

**YIQ(147.5960, -30.8570,
3.0550)**

Conversions

Conversions Part 1

Format	Color
Hex	789ABB
RGB	120, 154, 187
RGB Percent	47%, 60%, 73%
CMY	0.5295, 0.3960, 0.2668
CMYK	0.36, 0.18, 0.00, 0.27
HSL	210°, 33%, 60%
HSV	210°, 36%, 73%
XYZ	28.2672, 30.6942, 51.4273
YIQ	147.5960, -30.8570, 3.0550

Conversions

Conversions Part 2

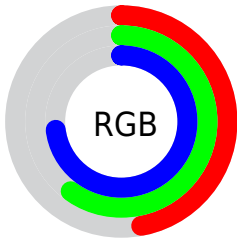
Format	Color
R _Y B	120, 143, 187
Decimal	7903931
CIE Lab	62.25, -3.53, -20.84
CIE LCh	62, 21.140, 260.385
Yxy	30.6942, 0.2561, 0.2781
Android (android.graphics.Color)	4286094011 (0xFF789ABB)
YUV	147.5960, 19.4262, -24.2017
Hunter-Lab	55.4023, -5.8804, -16.2544

Details

The YIQ color **147.5960, -30.8570, 3.0550** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **159.4040, 30.8570, -3.0550**, and the grayscale version is **147.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **201.8240, -31.4990, 3.6770**, and **96.0690, -30.8110, 2.2210** is the 20% darker color. If you saturate the color by 10%, you get **136.6320, -39.7060, 3.7340**, and if you desaturate by 10%, it is **158.5600, -22.0080, 2.3760**.

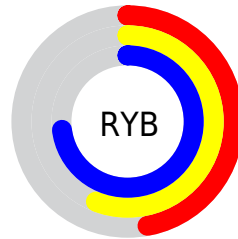
Distribution



Red (47%)

Green (60%)

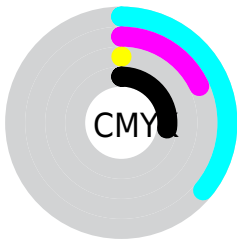
Blue (73%)



Red (47%)

Yellow (56%)

Blue (73%)

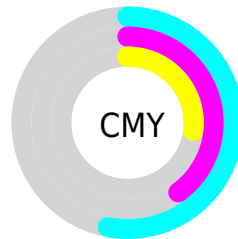


Cyan (36%)

Magenta (18%)

Yellow (0%)

Black (27%)



Cyan (53%)

Magenta (40%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 147.5960, -30.8570, 3.0550 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 147.5960, -30.8570, 3.0550 by changing the saturation by 10% instead.

■ 147.5960,
-30.8570, 3.0550

■ 147.5960,
-30.8570, 3.0550

■ 255.0000, -0.0000,
-0.0000

■ 121.4820,
-30.5360, 2.7440

■ 201.8240,
-31.4990, 3.6770

■ 96.0690, -30.8110,
2.2210

■ 228.5870,
-26.6380, -1.8220

■ 71.2430, -31.3610,
1.1750

■ 247.8240,
-14.3040, -5.0880

■ 46.3350, -34.6160,
-0.4080

■ 27.4990, -29.2060,
0.6660

■ 12.0770, -16.0940,
5.3300

■ 2.5250, -5.7320,

4.7640

■ 0.0000, 0.0000,
0.0000

■ 147.5960,
-30.8570, 3.0550

■ 147.5960,
-30.8570, 3.0550

■ 136.6320,
-39.7060, 3.7340

■ 158.5600,
-22.0080, 2.3760

■ 125.9670,
-47.9590, 4.6250

■ 169.2250,
-13.7550, 1.4850

■ 114.4160,
-56.5330, 5.8270

■ 180.7760, -5.1810,
0.2830

■ 103.4520,
-65.3820, 6.5060

■ 191.7400, 3.6680,
-0.3960

■ 92.7870, -73.6350,
7.3970

■ 202.4050, 11.9210,
-1.2870

■ 81.8230, -82.4840,
8.0760

■ 213.3690, 20.7700,
-1.9660

■ 77.0830, -86.1520,
8.4720

■ 224.3330, 29.6190,
-2.6450

■ 231.3990, 29.2530,
-7.0270

■ 236.6820, 26.7780,
-11.7340

Harmonies

Analogous

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



143.9380, -40.9880, -6.0760



147.5960, -30.8570, 3.0550



151.6200, -13.0690, 11.0830

Triad

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



147.5960, -30.8570, 3.0550



152.6620, 30.6710, 11.3350



145.9800, -6.4160, -15.8880

Complementary

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



147.5960, -30.8570, 3.0550



159.4040, 30.8570, -3.0550

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.



148.0700, 11.0060, -12.2420



147.5960, -30.8570, 3.0550



151.6910, 31.7270, 3.2070

Square

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



147.5960, -30.8570, 3.0550



153.9200, 21.3170, 15.6610



150.1150, 24.3010, -5.3870



143.8130, -24.9390, -16.0990

Rectangle

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



147.5960, -30.8570, 3.0550



152.7850, -0.2320, 15.2240



150.1150, 24.3010, -5.3870



147.0300, -0.6850, -15.1250

Sweetspot

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



147.5960, -30.8570, 3.0550



226.5950, -11.9210, 1.2870



162.9770, -28.6970, -25.0890



113.1070, -7.6110, 0.2690



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.



147.5960, -30.8570, 3.0550



180.9670, -47.9590, 4.6250



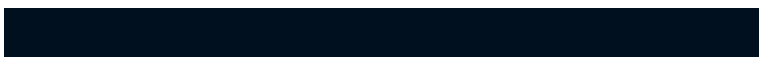
128.2250, -21.7820, 20.3140



88.9610, -4.2640, 0.1840



64.9720, -72.7180, 7.2980



12.9260, -14.3510, 1.2730

Inverse Universe

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



143.9090, 29.0180, 24.7780



175.1380, 44.9710, 38.5310



178.7750, 21.7820, -20.3140



88.2610, 3.7590, 3.4630



56.3620, 68.4880, 58.3760



11.0930, 13.3400, 11.5480

Previews

White Background



This preview shows how the YIQ color 147.5960, -30.8570, 3.0550 looks on a white background.

Color Contrast Check

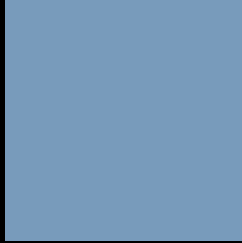
Large Text (above 18pt) WCAG AA × Fail

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 147.5960, -30.8570, 3.0550 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

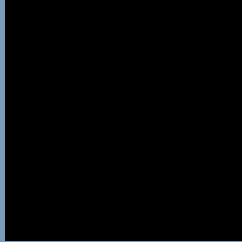
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

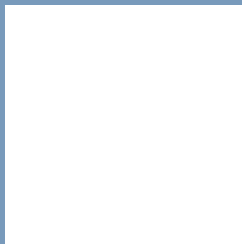
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 147.5960, -30.8570, 3.0550

Background



This preview shows how black text looks on a background with the YIQ color 147.5960, -30.8570, 3.0550.

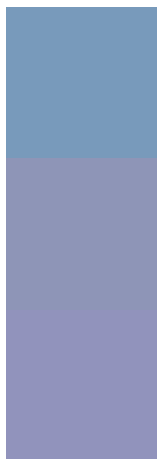


This preview shows how white text looks on a background with the YIQ color 147.5960, -30.8570, 3.0550.

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

147.5960, -30.8570, 3.0550

Protanopia

150.7830, -15.0860, 9.0900

Deuteranopia

151.0760, -14.3530, 12.3270



Tritanopia

146.2230, -28.6090, -4.6490

Trichromacy



Original Color

147.5960, -30.8570, 3.0550

Protanomaly

149.6790, -20.7250, 6.6590

Deuteranomaly

150.1460, -20.5420, 8.8500

Tritanomaly

146.6190, -29.6640, -2.0480

Monochromacy



Original Color

147.5960, -30.8570, 3.0550

Achromatopsia

148.0000, -0.0000, 0.0000

Achromatomaly

147.7800, -11.0040, 1.1880

CSS Examples

Text

The CSS property to change the color of the text to YIQ 147.5960, -30.8570, 3.0550 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, 154, 187)` looks like.

```
.text, #text, p{  
    color:rgb(120, 154, 187)  
}
```

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, 154, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 154, 187) }
```

Border

The CSS property to change the border of an element to YIQ 147.5960, -30.8570, 3.0550 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, 154, 187) }
```


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

```
.border{ border-color:rgb(120, 154, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 154, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(120, 154, 187); -webkit-box-shadow:4px 4px 4px 4px rgb(120, 154, 187); box-shadow:4px 4px 4px 4px rgb(120, 154, 187) }
```

Background

The CSS property to change the background color of an element to YIQ 147.5960, -30.8570, 3.0550 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 154, 187) }
```

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

```
.background{ background-color: rgb(120,  
154, 187) }
```

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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