

Converting Colors

YIQ(163.5330, -60.9360,
14.0400)

Have a look what the booklet for
YIQ(163.5330, -60.9360, 14.0400)
contains.

YIQ(163.5330, -60.9360, 14.0400)	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(163.5330, -60.9360,
14.0400)**

Conversions

Conversions Part 1

Format	Color
Hex	72ABFF
RGB	114, 171, 255
RGB Percent	45%, 67%, 100%
CMY	0.5530, 0.3293, 0.0003
CMYK	0.55, 0.33, 0.00, 0.00
HSL	216°, 100%, 72%
HSV	216°, 55%, 100%
XYZ	39.5415, 39.9259, 100.1641
YIQ	163.5330, -60.9360, 14.0400

Conversions

Conversions Part 2

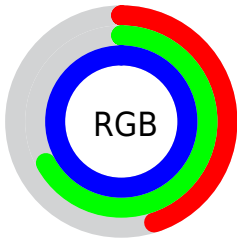
Format	Color
RYB	114, 155, 255
Decimal	7515135
CIELab	69.42, 5.08, -47.24
CIElCh	69, 47.515, 276.140
Yxy	39.9259, 0.2201, 0.2223
Android (android.graphics.Color)	4285705215 (0xFF72ABFF)
YUV	163.5330, 45.0932, -43.4404
Hunter-Lab	63.1869, 1.1258, -49.7558

Details

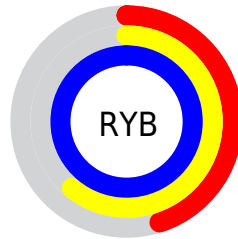
The YIQ color **163.5330, -60.9360, 14.0400** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **205.4670, 60.9360, -14.0400**, and the grayscale version is **163.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **213.7580, -40.3010, -2.0050**, and **106.7770, -67.6750, 9.5170** is the 20% darker color. If you saturate the color by 10%, you get **146.9540, -72.3070, 16.3730**, and if you desaturate by 10%, it is **179.8130, -50.1610, 11.4950**.

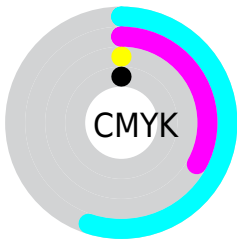
Distribution



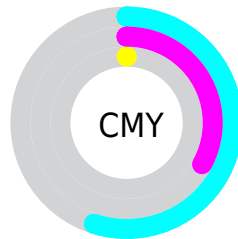
- Red (45%)
- Green (67%)
- Blue (100%)



- Red (45%)
- Yellow (61%)
- Blue (100%)



- Cyan (55%)
- Magenta (33%)
- Yellow (0%)
- Black (0%)



- Cyan (55%)
- Magenta (33%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 163.5330, -60.9360, 14.0400 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 163.5330, -60.9360, 14.0400 by changing the saturation by 10% instead.

■ 163.5330,
-60.9360, 14.0400

■ 163.5330,
-60.9360, 14.0400

■ 255.0000, -0.0000,
-0.0000

■ 135.6960,
-62.9530, 12.0470

■ 213.7580,
-40.3010, -2.0050

■ 106.7770,
-67.6750, 9.5170

■ 239.4520,
-30.9920, -11.0240

■ 75.1450, -80.6950,
3.1850

■ 248.7210,
-12.5160, -4.4520

■ 58.5660, -65.7030,
6.8170

■ 42.6880, -51.3070,
10.2370

■ 28.0980, -37.7820,
12.9220

■ 10.6870, -23.2030,

18.5330

■ 6.8910, -15.2700,
12.4260

■ 3.2090, -7.6580,
6.6300

■ 163.5330,
-60.9360, 14.0400

■ 163.5330,
-60.9360, 14.0400

■ 146.9540,
-72.3070, 16.3730

■ 179.8130,
-50.1610, 11.4950

■ 130.6740,
-83.0820, 18.9180

■ 196.3920,
-38.7900, 9.1620

■ 114.3940,
-93.8570, 21.4630

■ 213.2590,
-28.2900, 6.0940

■ 97.2280,
-104.9530, 24.3190

■ 229.8380,
-16.9190, 3.7610

■ 89.5310,
-110.1800, 25.4360

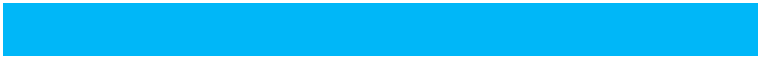
■ 246.1180, -6.1440,
1.2160

255.0000, -0.0000,
-0.0000

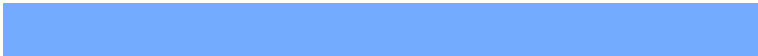
Harmonies

Analogous

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



135.6930, -129.9330, -18.5810



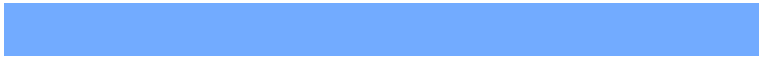
163.5330, -60.9360, 14.0400



173.5460, -9.0840, 32.4840

Triad

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



163.5330, -60.9360, 14.0400



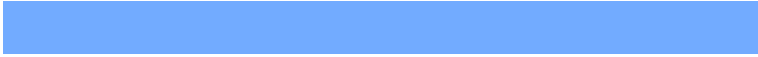
169.8270, 69.8710, 16.7750



150.9220, -45.2000, -39.8880

Complementary

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



163.5330, -60.9360, 14.0400



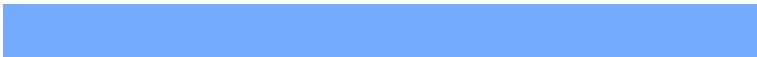
205.4670, 60.9360, -14.0400

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.



160.1650, 2.5280, -34.8160



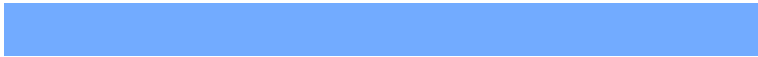
163.5330, -60.9360, 14.0400



168.3350, 61.6680, -5.2760

Square

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



163.5330, -60.9360, 14.0400



171.8760, 60.1480, 33.3000



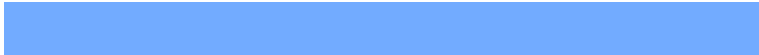
164.9370, 38.7010, -24.0750



132.8820, -109.6170, -45.3690

Rectangle

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



163.5330, -60.9360, 14.0400



174.5620, 20.3500, 38.7020



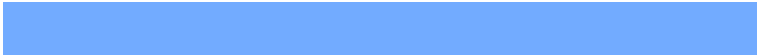
164.9370, 38.7010, -24.0750



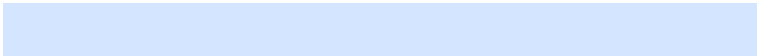
154.8440, -27.3650, -38.2210

Sweetspot

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



163.5330, -60.9360, 14.0400



226.8810, -18.4780, 4.4820



206.1150, -65.0970, -48.2410



110.8340, -11.0960, 2.8560



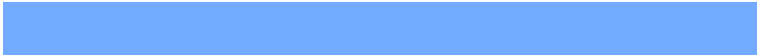
0.0000, 0.0000, 0.0000



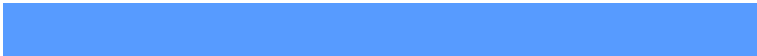
128.0000, -0.0000, -0.0000

Same Dimension

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



163.5330, -60.9360, 14.0400



146.0680, -72.6280, 16.6840



133.6620, -38.1090, 46.3950



119.4170, -5.5480, 1.4280



66.9730, -82.4860, 19.1300



22.5580, -27.6940, 6.3060

Inverse Universe

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



162.6570, 65.7390, 47.6190



144.9840, 78.3000, 56.7640



235.3380, 38.1090, -46.3950



119.4570, 6.1430, 4.3110



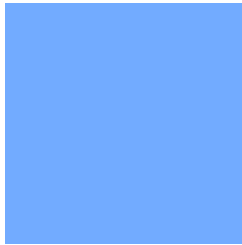
65.8870, 89.1190, 64.4390



22.1000, 29.7980, 21.6540

Previews

White Background



This preview shows how the YIQ color 163.5330, -60.9360, 14.0400 looks on a white background.

Color Contrast Check

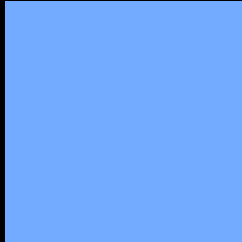
Large Text (above 18pt) WCAG AA × Fail

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 163.5330, -60.9360, 14.0400 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

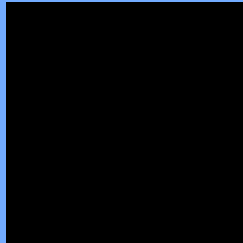
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

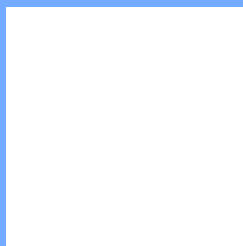
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 163.5330, -60.9360, 14.0400

Background



This preview shows how black text looks on a background with the YIQ color 163.5330, -60.9360, 14.0400.



This preview shows how white text looks on a background with the YIQ color 163.5330, -60.9360, 14.0400.

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

163.5330, -60.9360, 14.0400

Protanopia

167.9160, -42.7810, 20.9230

Deuteranopia

165.9580, -51.7670, 18.5770



Tritanopia

156.8000, -58.4550, -14.4150

Trichromacy



Original Color

163.5330, -60.9360, 14.0400

Protanomaly

166.5130, -49.0160, 18.2800

Deuteranomaly

165.0500, -55.0220, 16.9940

Tritanomaly

159.2380, -59.3280, -4.0960

Monochromacy



Original Color

163.5330, -60.9360, 14.0400

Achromatopsia

164.0000, 0.0000, -0.0000

Achromatomaly

164.1410, -22.1460, 4.8780

CSS Examples

Text

The CSS property to change the color of the text to YIQ 163.5330, -60.9360, 14.0400 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(114, 171, 255)` looks like.

```
.text, #text, p{  
    color:rgb(114, 171, 255)  
}
```

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(114, 171, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 171, 255) }
```

Border

The CSS property to change the border of an element to YIQ 163.5330, -60.9360, 14.0400 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(114, 171, 255) }
```


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

```
.border{ border-color:rgb(114, 171, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 171, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 171, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 171, 255);  
box-shadow:4px 4px 4px 4px rgb(114, 171,  
255) }
```

Background

The CSS property to change the background color of an element to YIQ 163.5330, -60.9360, 14.0400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 171, 255) }
```

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

```
.background{ background-color: rgb(114,  
171, 255) }
```

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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