

Converting Colors

YIQ(142.9110, -61.5800,
25.7160)

Have a look what the booklet for
YIQ(142.9110, -61.5800, 25.7160)
contains.

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Color

**YIQ(142.9110, -61.5800,
25.7160)**

Conversions

Conversions Part 1

Format	Color
Hex	648FFF
RGB	100, 143, 255
RGB Percent	39%, 56%, 100%
CMY	0.6078, 0.4391, 0.0003
CMYK	0.61, 0.44, 0.00, 0.00
HSL	223°, 100%, 70%
HSV	223°, 61%, 100%
XYZ	33.1162, 29.5739, 98.4994
YIQ	142.9110, -61.5800, 25.7160

Conversions

Conversions Part 2

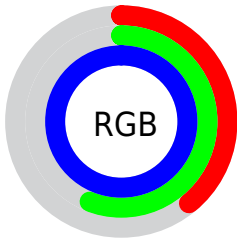
Format	Color
R _Y B	100, 134, 255
Decimal	6590463
CIE Lab	61.28, 18.71, -60.18
CIE LCh	61, 63.021, 287.270
Yxy	29.5739, 0.2054, 0.1835
Android (android.graphics.Color)	4284780543 (0xFF648FFF)
YUV	142.9110, 55.2599, -37.6329
Hunter-Lab	54.3818, 13.5307, -69.3220

Details

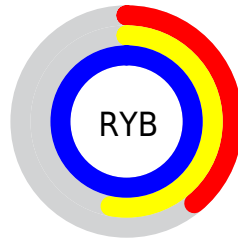
The YIQ color **142.9110, -61.5800, 25.7160** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **212.0890, 61.5800, -25.7160**, and the grayscale version is **142.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **192.5600, -39.2030, 11.1410**, and **81.0500, -81.3850, 15.6950** is the 20% darker color. If you saturate the color by 10%, you get **124.8700, -71.5300, 29.8300**, and if you desaturate by 10%, it is **160.9520, -51.6300, 21.6020**.

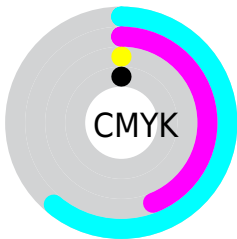
Distribution



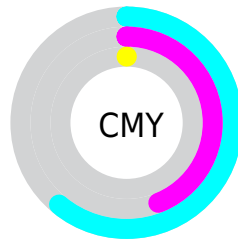
- Red (39%)
- Green (56%)
- Blue (100%)



- Red (39%)
- Yellow (53%)
- Blue (100%)



- Cyan (61%)
- Magenta (44%)
- Yellow (0%)
- Black (0%)



- Cyan (61%)
- Magenta (44%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 142.9110, -61.5800, 25.7160 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 142.9110, -61.5800, 25.7160 by changing the saturation by 10% instead.

■ 142.9110,
-61.5800, 25.7160

■ 142.9110,
-61.5800, 25.7160

■ 255.0000, -0.0000,
-0.0000

■ 114.7640,
-65.6600, 22.5640

■ 192.5600,
-39.2030, 11.1410

■ 80.9360, -81.0640,
15.3840

■ 217.9660,
-29.0230, 2.8570

■ 60.4700, -73.8200,
16.2600

■ 244.2580,
-18.5220, -5.7380

■ 45.0650, -59.3780,
18.8460

■ 254.4020, -1.1920,
-0.4240

■ 30.8340, -45.4860,
20.3860

■ 12.1350, -30.0360,
26.7320

■ 11.7470, -23.4320,

17.1760

■ 6.6630, -14.6280,
11.8040

■ 3.0950, -7.3370,
6.3190

■ 142.9110,
-61.5800, 25.7160

■ 142.9110,
-61.5800, 25.7160

■ 124.8700,
-71.5300, 29.8300

■ 160.9520,
-51.6300, 21.6020

■ 105.9430,
-81.8010, 34.2550

■ 179.8790,
-41.3590, 17.1770

■ 87.9020, -91.7510,
38.3690

■ 197.9200,
-31.4090, 13.0630

■ 70.7470,
-101.3800, 42.1720

■ 216.8470,
-21.1380, 8.6380

■ 234.8880,
-11.1880, 4.5240

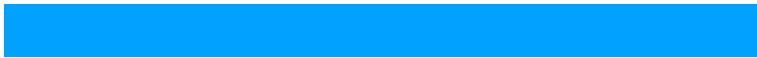
■ 253.2280, -0.6420,
0.6220

■ 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.



123.5770, -126.1300, -4.8980



142.9110, -61.5800, 25.7160



152.4980, 9.2070, 47.9190

Triad

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



142.9110, -61.5800, 25.7160



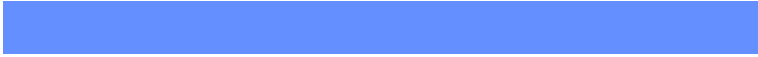
143.9240, 85.4150, 10.3990



115.3450, -86.4160, -52.8480

Complementary

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



142.9110, -61.5800, 25.7160



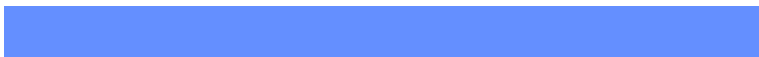
212.0890, 61.5800, -25.7160

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.



128.9890, -20.9440, -49.9680



142.9110, -61.5800, 25.7160



141.9870, 70.7950, -22.0130

Square

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



142.9110, -61.5800, 25.7160



143.3690, 83.8050, 39.5890



137.0760, 36.0910, -42.8610



122.5440, -105.3090, -35.3330

Rectangle

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



142.9110, -61.5800, 25.7160



149.6240, 44.1430, 53.5430



137.0760, 36.0910, -42.8610



112.1190, -80.0880, -57.4000

Sweetspot

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



142.9110, -61.5800, 25.7160



221.8750, -18.3410, 7.5070



203.6390, -78.2560, -46.5440



107.0020, -11.5090, 4.8350



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.



142.9110, -61.5800, 25.7160



120.7280, -74.0060, 30.6500



127.8360, -29.4910, 55.4130



118.2430, -4.9980, 2.4740



52.8850, -75.8860, 31.6820



17.8620, -25.4940, 10.4900

Inverse Universe

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



151.2470, 78.5770, 46.2330



130.5420, 94.1640, 55.6040



227.1640, 29.4910, -55.4130



119.2290, 6.7850, 3.6890



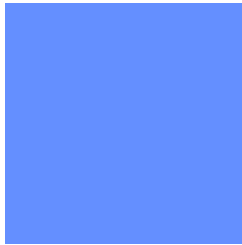
63.1510, 96.8230, 56.9750



21.1880, 32.3660, 19.1660

Previews

White Background



This preview shows how the YIQ color 142.9110, -61.5800, 25.7160 looks on a white background.

Color Contrast Check

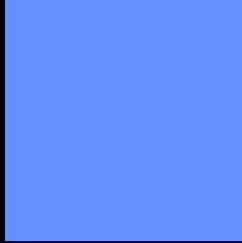
Large Text (above 18pt) WCAG AA ✓ Pass

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 142.9110, -61.5800, 25.7160 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 142.9110, -61.5800, 25.7160

Background



This preview shows how black text looks on a background with the YIQ color 142.9110, -61.5800, 25.7160.



This preview shows how white text looks on a background with the YIQ color 142.9110, -61.5800,

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

142.9110, -61.5800, 25.7160

Protanopia

142.6010, -63.6430, 24.5570

Deuteranopia

135.8540, -83.7690, 14.8470



Tritanopia

132.8810, -63.1770, -16.9450

Trichromacy



Original Color

142.9110, -61.5800, 25.7160

Protanomaly

142.9000, -63.0470, 24.7690

Deuteranomaly

138.5670, -75.4710, 18.6490

Tritanomaly

136.2640, -62.2170, -1.2970

Monochromacy



Original Color

142.9110, -61.5800, 25.7160

Achromatopsia

143.0000, -0.0000, 0.0000

Achromatomaly

142.8900, -22.6970, 9.3590

CSS Examples

Text

The CSS property to change the color of the text to YIQ 142.9110, -61.5800, 25.7160 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(100, 143, 255)` looks like.

```
.text, #text, p{  
    color:rgb(100, 143, 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(100, 143, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 143, 255) }
```

Border

The CSS property to change the border of an element to YIQ 142.9110, -61.5800, 25.7160 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(100, 143, 255) }
```


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

```
.border{ border-color:rgb(100, 143, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(100, 143, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(100, 143, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(100, 143, 255);  
box-shadow:4px 4px 4px 4px rgb(100, 143,  
255) }
```

Background

The CSS property to change the background color of an element to YIQ 142.9110, -61.5800, 25.7160 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 143, 255) }
```

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

```
.background{ background-color: rgb(100,  
143, 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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