

Converting Colors

YIQ(141.1170, -65.1560,
24.4440)

Have a look what the booklet for
YIQ(141.1170, -65.1560, 24.4440)
contains.

YIQ(141.1170, -65.1560, 24.4440)	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(141.1170, -65.1560,
24.4440)**

Conversions

Conversions Part 1

Format	Color
Hex	5E8FFF
RGB	94, 143, 255
RGB Percent	37%, 56%, 100%
CMY	0.6314, 0.4391, 0.0003
CMYK	0.63, 0.44, 0.00, 0.00
HSL	222°, 100%, 68%
HSV	222°, 63%, 100%
XYZ	32.4763, 29.2446, 98.4665
YIQ	141.1170, -65.1560, 24.4440

Conversions

Conversions Part 2

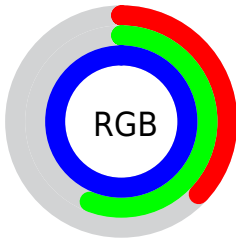
Format	Color
R _Y B	94, 132, 255
Decimal	6197247
CIE Lab	61.00, 17.67, -60.65
CIE LCh	61, 63.175, 286.242
Yxy	29.2446, 0.2027, 0.1826
Android (android.graphics.Color)	4284387327 (0xFF5E8FFF)
YUV	141.1170, 56.1443, -41.3216
Hunter-Lab	54.0783, 12.5599, -70.1014

Details

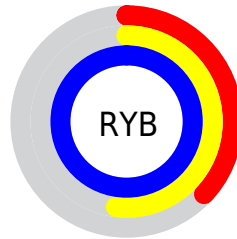
The YIQ color **141.1170, -65.1560, 24.4440** is a light color, and the websafe version is hex **6699FF**. The color can be described as light muted azure. A complement of this color would be **207.8830, 65.1560, -24.4440**, and the grayscale version is **141.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **191.0650, -42.1830, 10.0810**, and **77.0490, -88.8120, 12.6280** is the 20% darker color. If you saturate the color by 10%, you get **123.0760, -75.1060, 28.5580**, and if you desaturate by 10%, it is **159.1580, -55.2060, 20.3300**.

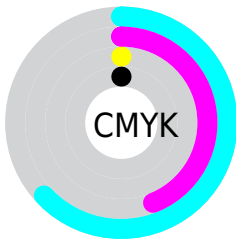
Distribution



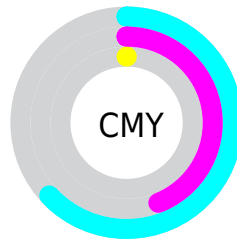
- Red (37%)
- Green (56%)
- Blue (100%)



- Red (37%)
- Yellow (52%)
- Blue (100%)



- Cyan (63%)
- Magenta (44%)
- Yellow (0%)
- Black (0%)



- Cyan (63%)
- Magenta (44%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 141.1170, -65.1560, 24.4440 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 141.1170, -65.1560, 24.4440 by changing the saturation by 10% instead.

■ 141.1170,
-65.1560, 24.4440

■ 141.1170,
-65.1560, 24.4440

■ 255.0000, -0.0000,
-0.0000

■ 112.3720,
-70.4280, 20.8680

■ 191.0650,
-42.1830, 10.0810

■ 77.0490, -88.8120,
12.6280

■ 216.4710,
-32.0030, 1.7970

■ 60.4700, -73.8200,
16.2600

■ 242.7630,
-21.5020, -6.7980

■ 45.0650, -59.3780,
18.8460

■ 253.2060, -3.5760,
-1.2720

■ 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

■ 141.1170,
-65.1560, 24.4440

■ 141.1170,
-65.1560, 24.4440

■ 123.0760,
-75.1060, 28.5580

■ 159.1580,
-55.2060, 20.3300

■ 105.3230,
-85.9270, 31.9370

■ 176.9110,
-44.3850, 16.9510

■ 87.2820, -95.8770,
36.0510

■ 194.9520,
-34.4350, 12.8370

■ 74.8560,
-103.3050, 38.5110

■ 213.2920,
-23.8890, 8.9350

■ 231.3330,
-13.9390, 4.8210

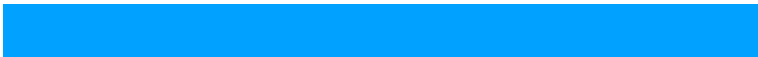
■ 249.0860, -3.1180,
1.4420

■ 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



141.1170, -65.1560, 24.4440



151.7150, 7.0980, 47.5940

Triad

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



141.1170, -65.1560, 24.4440



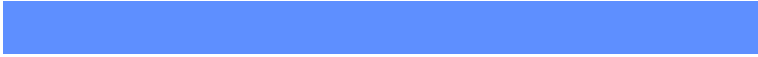
143.1630, 86.2400, 11.9680



114.5300, -85.4990, -52.9470

Complementary

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



141.1170, -65.1560, 24.4440



207.8830, 65.1560, -24.4440

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.



128.6580, -18.5140, -49.9540



141.1170, -65.1560, 24.4440



140.8130, 71.3450, -20.9670

Square

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



141.1170, -65.1560, 24.4440



142.8960, 83.7590, 40.4230



136.4460, 37.9250, -43.0590



122.3160, -104.6670, -35.9550

Rectangle

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



141.1170, -65.1560, 24.4440



149.1400, 42.6300, 53.4300



136.4460, 37.9250, -43.0590



111.1900, -78.8500, -57.8100

Sweetspot

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



141.1170, -65.1560, 24.4440



220.6900, -19.2580, 7.6060



201.0470, -79.5850, -49.9930



106.7030, -12.1050, 4.6230



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.



141.1170, -65.1560, 24.4440



117.7490, -78.4990, 29.4770



121.0250, -34.3970, 56.2190



118.8300, -5.2730, 1.9510



55.8200, -77.2610, 29.0670



18.4490, -25.7690, 9.9670

Inverse Universe

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



147.7250, 80.2270, 49.3710



125.7320, 96.6850, 59.4770



227.6760, 33.8010, -56.4310



119.3430, 6.4640, 4.0000



63.7210, 95.2180, 58.5300



21.3020, 32.0450, 19.4770

Previews

White Background



This preview shows how the YIQ color 141.1170, -65.1560, 24.4440 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 141.1170, -65.1560, 24.4440 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

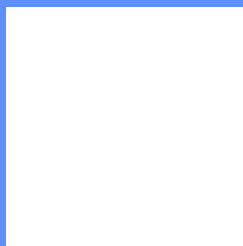
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 141.1170, -65.1560, 24.4440

Background



This preview shows how black text looks on a background with the YIQ color 141.1170, -65.1560, 24.4440.



This preview shows how white text looks on a background with the YIQ color 141.1170, -65.1560,

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

141.1170, -65.1560, 24.4440

Protanopia

141.7150, -63.9640, 24.8680

Deuteranopia

134.0710, -85.8780, 14.5220



Tritanopia

129.2930, -70.3290, -19.4890

Trichromacy



Original Color

141.1170, -65.1560, 24.4440

Protanomaly

141.4160, -64.5600, 24.6560

Deuteranomaly

136.4850, -78.1760, 18.1120

Tritanomaly

133.2740, -68.1770, -3.4170

Monochromacy



Original Color

141.1170, -65.1560, 24.4440

Achromatopsia

141.0000, -0.0000, -0.0000

Achromatomaly

141.1780, -23.5680, 8.6240

CSS Examples

Text

The CSS property to change the color of the text to YIQ 141.1170, -65.1560, 24.4440 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(94, 143, 255)` looks like.

```
.text, #text, p{  
    color:rgb(94, 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(94, 143, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 143, 255) }
```

Border

The CSS property to change the border of an element to YIQ 141.1170, -65.1560, 24.4440 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(94, 143, 255) }
```


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

```
.border{ border-color:rgb(94, 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(94, 143, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 143, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 143, 255);  
box-shadow:4px 4px 4px 4px rgb(94, 143,  
255) }
```

Background

The CSS property to change the background color of an element to YIQ 141.1170, -65.1560, 24.4440 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 143, 255) }
```

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

```
.background{ background-color: rgb(94, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor