

Converting Colors

YIQ(125.4460, -65.2450, 9.5310)

Have a look what the booklet for
YIQ(125.4460, -65.2450, 9.5310)
contains.

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Color

**YIQ(125.4460, -65.2450,
9.5310)**

Conversions

Conversions Part 1

Format	Color
Hex	4589D6
RGB	69, 137, 214
RGB Percent	27%, 54%, 84%
CMY	0.7295, 0.4626, 0.1611
CMYK	0.68, 0.36, 0.00, 0.16
HSL	212°, 64%, 55%
HSV	212°, 68%, 84%
XYZ	23.5292, 24.0145, 66.9591
YIQ	125.4460, -65.2450, 9.5310

Conversions

Conversions Part 2

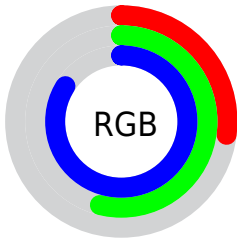
Format	Color
R _Y B	69, 115, 214
Decimal	4557270
CIE Lab	56.10, 3.16, -45.76
CIE LCh	56, 45.872, 273.954
Yxy	24.0145, 0.2055, 0.2097
Android (android.graphics.Color)	4282747350 (0xFF4589D6)
YUV	125.4460, 43.6571, -49.5031
Hunter-Lab	49.0046, -0.0529, -46.7096

Details

The YIQ color **125.4460, -65.2450, 9.5310** is a dark color, and the websafe version is hex **3399FF**. The color can be described as middle muted azure. A complement of this color would be **157.5540, 65.2450, -9.5310**, and the grayscale version is **125.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **179.7690, -56.0290, 7.7070**, and **69.7820, -75.2390, 3.4250** is the 20% darker color. If you saturate the color by 10%, you get **112.7100, -74.7360, 10.8320**, and if you desaturate by 10%, it is **138.1820, -55.7540, 8.2300**.

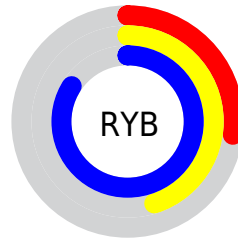
Distribution



Red (27%)

Green (54%)

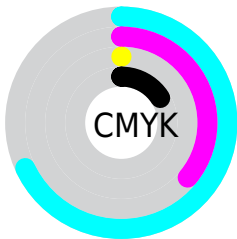
Blue (84%)



Red (27%)

Yellow (45%)

Blue (84%)

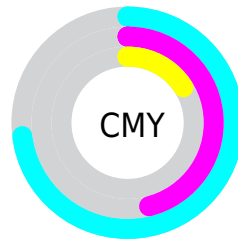


Cyan (68%)

Magenta (36%)

Yellow (0%)

Black (16%)



Cyan (73%)

Magenta (46%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 125.4460, -65.2450, 9.5310 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 125.4460, -65.2450, 9.5310 by changing the saturation by 10% instead.

■ 125.4460,
-65.2450, 9.5310

■ 125.4460,
-65.2450, 9.5310

■ 255.0000, -0.0000,
-0.0000

■ 95.3200, -73.8180,
5.2060

■ 179.7690,
-56.0290, 7.7070

■ 69.7820, -75.2390,
3.4250

■ 205.1750,
-45.8490, -0.5770

■ 53.2030, -60.2470,
7.0570

■ 230.5810,
-35.6690, -8.8610

■ 38.0260, -46.4470,
10.2650

■ 244.8340,
-20.2640, -7.2080

■ 23.4360, -32.9220,
12.9500

■ 253.8040, -2.3840,
-0.8480

■ 10.1340, -20.2680,
14.9000

■ 5.2780, -12.1060,

10.1500

■ 1.2540, -3.5310,
3.4210

■ 0.0000, 0.0000,
0.0000

■ 125.4460,
-65.2450, 9.5310

■ 125.4460,
-65.2450, 9.5310

■ 112.7100,
-74.7360, 10.8320

■ 138.1820,
-55.7540, 8.2300

■ 99.0880, -84.5480,
12.4440

■ 151.8040,
-45.9420, 6.6180

■ 86.3520, -94.0390,
13.7450

■ 164.5400,
-36.4510, 5.3170

■ 83.0960, -96.1940,
14.2540

■ 177.5750,
-26.3640, 4.2280

■ 190.8980,
-17.1480, 2.4040

■ 203.6340, -7.6570,
1.1030

■ 216.6690, 2.4300,
0.0140

■ 229.9920, 11.6460,
-1.8100

■ 240.9340, 17.5610,
-4.3830

Harmonies

Analogous

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



110.3600, -106.8260, -13.3380



125.4460, -65.2450, 9.5310



137.5840, -12.2470, 29.2330

Triad

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



125.4460, -65.2450, 9.5310



134.0050, 63.4980, 16.6340



116.5420, -41.0740, -37.5700

Complementary

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



125.4460, -65.2450, 9.5310



157.5540, 65.2450, -9.5310

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.



125.7140, 5.4160, -32.0880



125.4460, -65.2450, 9.5310



132.8230, 57.3580, -4.2580

Square

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



125.4460, -65.2450, 9.5310



135.5270, 53.8210, 32.3250



129.9200, 37.3710, -21.9970



106.2440, -86.9690, -37.3130

Rectangle

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



125.4460, -65.2450, 9.5310



138.5290, 15.9490, 35.8610



129.9200, 37.3710, -21.9970



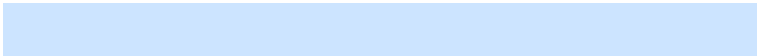
120.8770, -22.9640, -35.3800

Sweetspot

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



125.4460, -65.2450, 9.5310



223.9020, -22.9710, 3.3090



162.6650, -63.9500, -52.5100



108.7520, -13.8010, 2.3190



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.



125.4460, -65.2450, 9.5310



128.5370, -93.1220, 13.6460



86.1280, -45.3530, 45.5190



100.1890, -4.9060, 0.8060



66.4540, -76.8910, 11.3410



16.6420, -19.3030, 2.9130

Inverse Universe

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



120.1070, 64.5920, 51.8880



120.9510, 92.2350, 74.0510



196.8720, 45.3530, -45.5190



99.8590, 4.9510, 3.8870



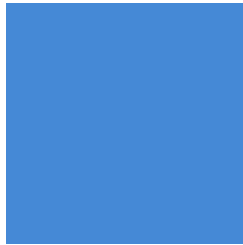
60.2490, 76.2360, 61.1320



15.1370, 19.2080, 15.3360

Previews

White Background



This preview shows how the YIQ color 125.4460, -65.2450, 9.5310 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 125.4460, -65.2450, 9.5310 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

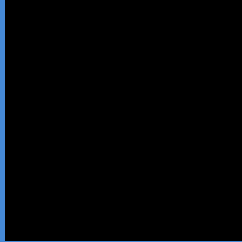
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 125.4460, -65.2450, 9.5310

Background



This preview shows how black text looks on a background with the YIQ color 125.4460, -65.2450, 9.5310.

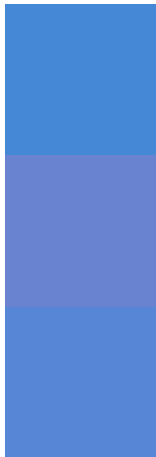


This preview shows how white text looks on a background with the YIQ color 125.4460, -65.2450, 9.5310.

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

125.4460, -65.2450, 9.5310

Protanopia

132.1180, -40.5340, 18.7460

Deuteranopia

129.1810, -54.0130, 15.2270



Tritanopia

114.3850, -73.5840, -21.0720

Trichromacy



Original Color

125.4460, -65.2450, 9.5310

Protanomaly

129.6330, -49.4740, 15.5660

Deuteranomaly

127.6750, -58.4600, 13.2200

Tritanomaly

118.5030, -70.5600, -9.7920

Monochromacy



Original Color

125.4460, -65.2450, 9.5310

Achromatopsia

125.0000, 0.0000, 0.0000

Achromatomaly

125.0160, -23.2920, 3.6200

CSS Examples

Text

The CSS property to change the color of the text to YIQ 125.4460, -65.2450, 9.5310 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(69, 137, 214)` looks like.

```
.text, #text, p{  
    color:rgb(69, 137, 214)  
}
```

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(69, 137, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(69, 137, 214) }
```

Border

The CSS property to change the border of an element to YIQ 125.4460, -65.2450, 9.5310 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(69, 137, 214) }
```


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

```
.border{ border-color:rgb(69, 137, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(69, 137, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(69, 137, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(69, 137, 214);  
box-shadow:4px 4px 4px 4px rgb(69, 137,  
214) }
```

Background

The CSS property to change the background color of an element to YIQ 125.4460, -65.2450, 9.5310 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(69, 137, 214) }
```

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

```
.background{ background-color: rgb(69, 137,  
214) }
```

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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