

Converting Colors

YIQ(154.5610, -22.6080,
24.2720)

Have a look what the booklet for
YIQ(154.5610, -22.6080, 24.2720)
contains.

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Color

**YIQ(154.5610, -22.6080,
24.2720)**

Conversions

Conversions Part 1

Format	Color
Hex	9491DD
RGB	148, 145, 221
RGB Percent	58%, 57%, 87%
CMY	0.4195, 0.4314, 0.1335
CMYK	0.33, 0.34, 0.00, 0.13
HSL	242°, 53%, 72%
HSV	242°, 34%, 87%
XYZ	35.3866, 31.7661, 72.6465
YIQ	154.5610, -22.6080, 24.2720

Conversions

Conversions Part 2

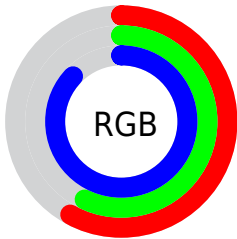
Format	Color
R _Y B	148, 145, 221
Decimal	9736669
CIE Lab	63.15, 18.54, -38.30
CIE LCh	63, 42.549, 295.828
Yxy	31.7661, 0.2531, 0.2272
Android (android.graphics.Color)	4287926749 (0xFF9491DD)
YUV	154.5610, 32.7544, -5.7540
Hunter-Lab	56.3614, 13.4389, -36.9683

Details

The YIQ color $154.5610, -22.6080, 24.2720$ is a light color, and the websafe version is hex $9999FF$. A complement of this color would be $211.4390, 22.6080, -24.2720$, and the grayscale version is $154.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $206.8790, -14.9960, 18.4760$, and $102.7950, -23.3870, 21.8690$ is the 20% darker color. If you saturate the color by 10%, you get $135.3680, -29.0740, 31.3260$, and if you desaturate by 10%, it is $173.7540, -16.1420, 17.2180$.

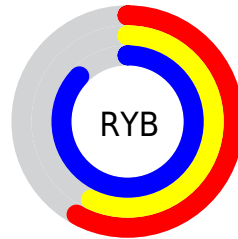
Distribution



Red (58%)

Green (57%)

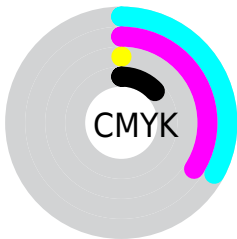
Blue (87%)



Red (58%)

Yellow (57%)

Blue (87%)

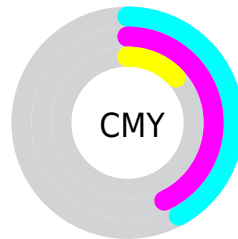


Cyan (33%)

Magenta (34%)

Yellow (0%)

Black (13%)



Cyan (42%)

Magenta (43%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 154.5610, -22.6080, 24.2720 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 154.5610, -22.6080, 24.2720 by changing the saturation by 10% instead.

■ 154.5610,
-22.6080, 24.2720

■ 154.5610,
-22.6080, 24.2720

■ 255.0000, -0.0000,
-0.0000

■ 128.0340,
-22.5620, 23.4380

■ 206.8790,
-14.9960, 18.4760

■ 102.6810,
-23.0660, 21.5580

■ 231.9860, -5.4120,
9.9800

■ 77.8550, -23.6160,
20.5120

■ 53.9040, -25.3120,
18.2080

■ 28.8600, -31.1800,
14.4200

■ 9.0570, -21.3690,
18.3350

■ 6.5490, -14.3070,

11.4930

■ 2.8670, -6.6950,
5.6970

■ 0.0000, 0.0000,
0.0000

■ 154.5610,
-22.6080, 24.2720

■ 154.5610,
-22.6080, 24.2720

■ 135.3680,
-29.0740, 31.3260

■ 173.7540,
-16.1420, 17.2180

■ 116.1750,
-35.5400, 38.3800

■ 192.9470, -9.6760,
10.1640

■ 96.6830, -42.6020,
45.2220

■ 212.4390, -2.6140,
3.3220

■ 77.4900, -49.0680,
52.2760

■ 231.6320, 3.8520,
-3.7320

■ 58.2970, -55.5340,
59.3300

■ 250.8250, 10.3180,
-10.7860

■ 38.5170, -61.7250,
66.9070

■ 251.1240, 10.9140,
-10.5740

■ 27.8850, -65.5770,
70.6390

Harmonies

Analogous

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



141.7610, -70.7460, 4.5980



154.5610, -22.6080, 24.2720



157.5460, 17.2790, 33.7830

Triad

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



154.5610, -22.6080, 24.2720



152.1100, 58.2280, 2.0040



123.8870, -81.6500, -40.0980

Complementary

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



154.5610, -22.6080, 24.2720



211.4390, 22.6080, -24.2720

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.



140.0450, -23.3770, -33.4010



154.5610, -22.6080, 24.2720



150.2460, 42.5050, -15.9190

Square

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



154.5610, -22.6080, 24.2720



153.6720, 60.2420, 20.5780



146.1390, 14.5850, -27.5510



122.0540, -106.6850, -32.4210

Rectangle

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



154.5610, -22.6080, 24.2720



156.3820, 38.2320, 34.0080



146.1390, 14.5850, -27.5510



132.5820, -55.7460, -35.9860

Sweetspot

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



154.5610, -22.6080, 24.2720



233.1490, -7.4290, 7.9870



196.5150, -44.4710, -14.5430



114.1230, -4.5400, 5.1880



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.



154.5610, -22.6080, 24.2720



163.4650, -30.7250, 33.7150



165.9230, 0.0400, 32.3280



100.2540, -3.5310, 3.4210



21.8150, -51.3610, 55.2870



5.8420, -13.5740, 14.7300

Inverse Universe

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



176.0460, 21.8630, 38.8150



192.9090, 30.1590, 53.6710



200.0770, -0.0400, -32.3280



103.4290, 3.3460, 5.4420



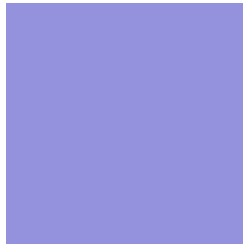
70.7650, 49.5010, 88.6130



18.7700, 13.2920, 23.4360

Previews

White Background



This preview shows how the YIQ color 154.5610, -22.6080, 24.2720 looks on a white background.

Color Contrast Check

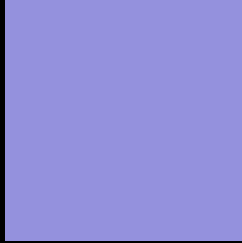
Large Text (above 18pt) WCAG AA × Fail

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 154.5610, -22.6080, 24.2720 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

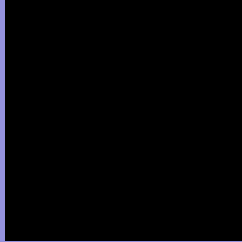
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 154.5610, -22.6080, 24.2720

Background



This preview shows how black text looks on a background with the YIQ color 154.5610, -22.6080, 24.2720.



This preview shows how white text looks on a background with the YIQ color 154.5610, -22.6080,

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

154.5610, -22.6080, 24.2720

Protanopia

151.9720, -37.1870, 18.6610

Deuteranopia

151.6900, -36.4530, 16.3710



Tritanopia

151.6870, -15.1760, -0.2960

Trichromacy



Original Color

154.5610, -22.6080, 24.2720

Protanomaly

152.7770, -32.1440, 20.8800

Deuteranomaly

152.9080, -31.1350, 19.1130

Tritanomaly

152.7010, -17.7910, 8.5530

Monochromacy



Original Color

154.5610, -22.6080, 24.2720

Achromatopsia

155.0000, -0.0000, 0.0000

Achromatomaly

154.4910, -8.3920, 8.9200

CSS Examples

Text

The CSS property to change the color of the text to YIQ 154.5610, -22.6080, 24.2720 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(148, 145, 221)` looks like.

```
.text, #text, p{  
    color:rgb(148, 145, 221)  
}
```

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(148, 145, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 145, 221) }
```

Border

The CSS property to change the border of an element to YIQ 154.5610, -22.6080, 24.2720 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(148, 145, 221) }
```


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

```
.border{ border-color:rgb(148, 145, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 145, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 145, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 145, 221);  
box-shadow:4px 4px 4px 4px rgb(148, 145,  
221) }
```

Background

The CSS property to change the background color of an element to YIQ 154.5610, -22.6080, 24.2720 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 145, 221) }
```

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

```
.background{ background-color: rgb(148,  
145, 221) }
```

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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