

Converting Colors

YIQ(156.5260, -32.6950,
25.3610)

Have a look what the booklet for
YIQ(156.5260, -32.6950, 25.3610)
contains.

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Color

**YIQ(156.5260, -32.6950,
25.3610)**

Conversions

Conversions Part 1

Format	Color
Hex	8D95EC
RGB	141, 149, 236
RGB Percent	55%, 58%, 93%
CMY	0.4470, 0.4157, 0.0747
CMYK	0.40, 0.37, 0.00, 0.07
HSL	235°, 71%, 74%
HSV	235°, 40%, 93%
XYZ	36.8671, 33.2127, 83.7862
YIQ	156.5260, -32.6950, 25.3610

Conversions

Conversions Part 2

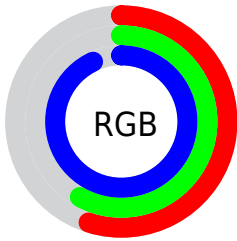
Format	Color
RYB	141, 148, 236
Decimal	9278956
CIELab	64.33, 18.38, -44.77
CIELCh	64, 48.396, 292.324
Yxy	33.2127, 0.2396, 0.2159
Android (android.graphics.Color)	4287469036 (0xFF8D95EC)
YUV	156.5260, 39.1807, -13.6163
Hunter-Lab	57.6305, 13.3357, -45.8575

Details

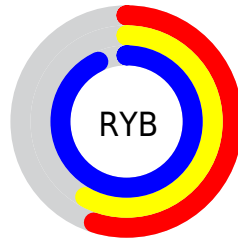
The YIQ color $156.5260, -32.6950, 25.3610$ is a light color, and the websafe version is hex $9999FF$. A complement of this color would be $220.4740, 32.6950, -25.3610$, and the grayscale version is $156.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $207.4330, -19.6720, 15.1120$, and $104.3470, -33.7490, 22.4350$ is the 20% darker color. If you saturate the color by 10%, you get $136.4360, -40.9490, 31.7790$, and if you desaturate by 10%, it is $176.6160, -24.4410, 18.9430$.

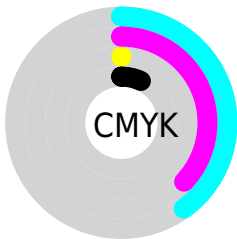
Distribution



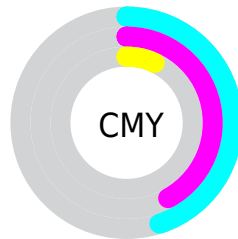
- Red (55%)
- Green (58%)
- Blue (93%)



- Red (55%)
- Yellow (58%)
- Blue (93%)



- Cyan (40%)
- Magenta (37%)
- Yellow (0%)
- Black (7%)



- Cyan (45%)
- Magenta (42%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 156.5260, -32.6950, 25.3610 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 156.5260, -32.6950, 25.3610 by changing the saturation by 10% instead.

■ 156.5260,
-32.6950, 25.3610

■ 156.5260,
-32.6950, 25.3610

■ 255.0000, -0.0000,
-0.0000

■ 129.5860,
-32.9240, 24.0040

■ 207.4330,
-19.6720, 15.1120

■ 104.3470,
-33.7490, 22.4350

■ 232.5400,
-10.0880, 6.6160

■ 78.5100, -35.7660,
20.4420

■ 52.0640, -40.4420,
17.0780

■ 30.2980, -41.2210,
14.6750

■ 14.5340, -27.1460,
18.4060

■ 8.9770, -18.3880,

13.8680

■ 4.7080, -10.5010,
8.5950

■ 0.1140, -0.3210,
0.3110

■ 156.5260,
-32.6950, 25.3610

■ 156.5260,
-32.6950, 25.3610

■ 136.4360,
-40.9490, 31.7790

■ 176.6160,
-24.4410, 18.9430

■ 117.2320,
-48.8820, 37.8860

■ 195.8200,
-16.5080, 12.8360

■ 97.1420, -57.1360,
44.3040

■ 215.9100, -8.2540,
6.4180

■ 77.9380, -65.0690,
50.4110

■ 235.1140, -0.3210,
0.3110

■ 57.8480, -73.3230,
56.8290

■ 252.8340, 6.0990,
-5.9090

■ 38.6440, -81.2560,
62.9360

Harmonies

Analogous

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



133.9080, -102.1970, -3.6130



156.5260, -32.6950, 25.3610



160.8110, 15.2150, 38.1510

Triad

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



156.5260, -32.6950, 25.3610



155.1820, 66.8930, 4.6610



120.2010, -94.5780, -48.0980

Complementary

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



156.5260, -32.6950, 25.3610



220.4740, 32.6950, -25.3610

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.



141.7800, -21.3130, -37.7690



156.5260, -32.6950, 25.3610



152.9110, 50.7580, -16.8100

Square

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



156.5260, -32.6950, 25.3610



156.2540, 67.5310, 26.1470



148.4400, 20.8670, -31.2690



125.8040, -108.9770, -34.9370

Rectangle

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



156.5260, -32.6950, 25.3610



159.4410, 39.7440, 39.6480



148.4400, 20.8670, -31.2690



131.6580, -62.0720, -42.4880

Sweetspot

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



156.5260, -32.6950, 25.3610



229.2950, -10.7760, 8.0720



206.4550, -53.4100, -23.2500



112.6390, -6.0530, 5.0750



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.



156.5260, -32.6950, 25.3610



152.7780, -41.9120, 32.7120



163.1920, -7.8470, 37.6010



107.8410, -3.8060, 2.8980



29.4390, -62.2260, 48.4460



9.0910, -18.7090, 14.1790

Inverse Universe

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



170.3170, 54.0520, 22.6280



170.6180, 69.5020, 28.9740



213.8080, 7.8470, -37.6010



109.4030, 6.2350, 2.6430



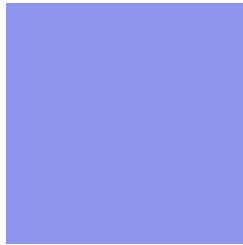
55.8290, 103.0610, 43.0370



16.7160, 30.5790, 13.0030

Previews

White Background



This preview shows how the YIQ color 156.5260, -32.6950, 25.3610 looks on a white background.

Color Contrast Check

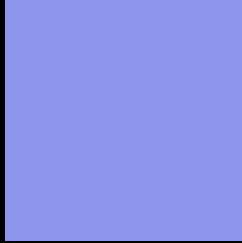
Large Text (above 18pt) WCAG AA × Fail

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 156.5260, -32.6950, 25.3610 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

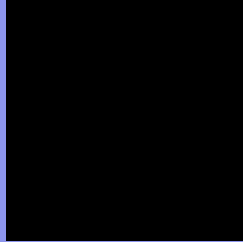
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 156.5260, -32.6950, 25.3610

Background



This preview shows how black text looks on a background with the YIQ color 156.5260, -32.6950, 25.3610.



This preview shows how white text looks on a background with the YIQ color 156.5260, -32.6950, 25.3610.

25.3610.

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

156.5260, -32.6950, 25.3610

Protanopia

154.4320, -44.2940, 20.8100

Deuteranopia

153.3560, -47.1360, 17.2480



Tritanopia

152.7180, -25.6290, -3.5890

Trichromacy



Original Color

156.5260, -32.6950, 25.3610

Protanomaly

155.5250, -40.1220, 22.2940

Deuteranomaly

154.5740, -41.8180, 19.9900

Tritanomaly

153.7860, -28.3360, 6.9280

Monochromacy



Original Color

156.5260, -32.6950, 25.3610

Achromatopsia

157.0000, 0.0000, -0.0000

Achromatomaly

156.7510, -12.0600, 9.3160

CSS Examples

Text

The CSS property to change the color of the text to YIQ 156.5260, -32.6950, 25.3610 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(141, 149, 236)` looks like.

```
.text, #text, p{  
    color:rgb(141, 149, 236)  
}
```

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(141, 149, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 149, 236) }
```

Border

The CSS property to change the border of an element to YIQ 156.5260, -32.6950, 25.3610 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(141, 149, 236) }
```


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

```
.border{ border-color:rgb(141, 149, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 149, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 149, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 149, 236);  
box-shadow:4px 4px 4px 4px rgb(141, 149,  
236) }
```

Background

The CSS property to change the background color of an element to YIQ 156.5260, -32.6950, 25.3610 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 149, 236) }
```

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

```
.background{ background-color: rgb(141,  
149, 236) }
```

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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