

Converting Colors

YIQ(154.7810, -11.6040,
23.0840)

Have a look what the booklet for
YIQ(154.7810, -11.6040, 23.0840)
contains.

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Color

**YIQ(154.7810, -11.6040,
23.0840)**

Conversions

Conversions Part 1

Format	Color
Hex	9E8FCF
RGB	158, 143, 207
RGB Percent	62%, 56%, 81%
CMY	0.3803, 0.4392, 0.1883
CMYK	0.24, 0.31, 0.00, 0.19
HSL	254°, 40%, 69%
HSV	254°, 31%, 81%
XYZ	35.1854, 31.4179, 63.2257
YIQ	154.7810, -11.6040, 23.0840

Conversions

Conversions Part 2

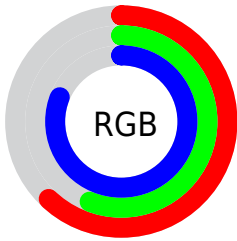
Format	Color
R_{YB}	158, 143, 207
Decimal	10391503
CIE _{Lab}	62.86, 19.11, -30.89
CIE _{LCh}	63, 36.323, 301.734
Yxy	31.4179, 0.2710, 0.2420
Android (android.graphics.Color)	4288581583 (0xFF9E8FCF)
YUV	154.7810, 25.7440, 2.8231
Hunter-Lab	56.0517, 13.9595, -27.6422

Details

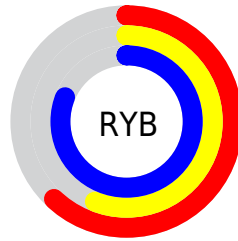
The YIQ color $154.7810, -11.6040, 23.0840$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $195.2190, 11.6040, -23.0840$, and the grayscale version is $155.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $208.6950, -8.4860, 21.6420$, and $103.3140, -11.7870, 20.8930$ is the 20% darker color. If you saturate the color by 10%, you get $137.6700, -15.3650, 30.6750$, and if you desaturate by 10%, it is $171.8920, -7.8430, 15.4930$.

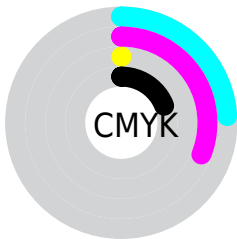
Distribution



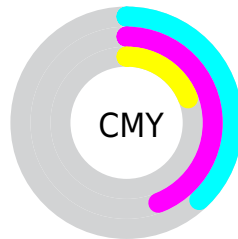
- Red (62%)
- Green (56%)
- Blue (81%)



- Red (62%)
- Yellow (56%)
- Blue (81%)



- Cyan (24%)
- Magenta (31%)
- Yellow (0%)
- Black (19%)



- Cyan (38%)
- Magenta (44%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 154.7810, -11.6040, 23.0840 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 154.7810, -11.6040, 23.0840 by changing the saturation by 10% instead.

■ 154.7810,
-11.6040, 23.0840

■ 154.7810,
-11.6040, 23.0840

■ 255.0000, -0.0000,
-0.0000

■ 128.2540,
-11.5580, 22.2500

■ 208.6950, -8.4860,
21.6420

■ 103.3140,
-11.7870, 20.8930

■ 233.5030, 0.5020,
12.9340

■ 78.7870, -11.7410,
20.0590

■ 253.8260, 0.5500,
1.0460

■ 55.5480, -12.5660,
18.4900

■ 33.3090, -13.3910,
16.9210

■ 8.8470, -11.9700,
18.7020

■ 4.8220, -10.8220,

8.9060

■ 0.3420, -0.9630,
0.9330

■ 0.0000, 0.0000,
0.0000

■ 154.7810,
-11.6040, 23.0840

■ 154.7810,
-11.6040, 23.0840

■ 137.6700,
-15.3650, 30.6750

■ 171.8920, -7.8430,
15.4930

■ 121.1460,
-19.4010, 37.7430

■ 188.4160, -3.8070,
8.4250

■ 104.3340,
-22.5660, 45.5460

■ 205.5270, -0.0460,
0.8340

■ 87.2230, -26.3270,
53.1370

■ 222.3390, 3.1190,
-6.9690

■ 70.6990, -30.3630,
60.2050

■ 238.8630, 7.1550,
-14.0370

■ 53.5880, -34.1240,
67.7960

■ 248.9300, 14.2160,
-15.3520

■ 38.2490, -37.2430,
74.7650

■ 249.5280, 15.4080,
-14.9280

Harmonies

Analogous

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



147.6020, -48.1890, 8.7950



154.7810, -11.6040, 23.0840



156.3520, 20.5810, 29.0050

Triad

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



154.7810, -11.6040, 23.0840



151.7390, 48.9670, -0.8650



131.5950, -65.7880, -30.2040

Complementary

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



154.7810, -11.6040, 23.0840



195.2190, 11.6040, -23.0840

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.



140.4240, -25.7620, -28.7220



154.7810, -11.6040, 23.0840



149.6840, 32.4640, -15.6640

Square

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



154.7810, -11.6040, 23.0840



153.6770, 52.6780, 14.4860



145.8270, 6.8360, -24.7800



119.7060, -105.5850, -30.3290

Rectangle

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



154.7810, -11.6040, 23.0840



156.0950, 37.3620, 27.7460



145.8270, 6.8360, -24.7800



135.7230, -51.5290, -29.8090

Sweetspot

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



154.7810, -11.6040, 23.0840



236.1170, -4.4030, 8.2130



179.0590, -34.0190, -5.7230



115.9060, -2.4310, 5.5130



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.



154.7810, -11.6040, 23.0840



178.2940, -17.0620, 33.8980



164.3490, 7.4680, 29.8680



96.1510, -1.7430, 4.0570



31.1120, -30.0880, 60.7280



7.6640, -7.2010, 14.8710

Inverse Universe

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



167.7220, 22.4150, 28.8070



197.3140, 32.9120, 42.3200



185.6510, -7.4680, -29.8680



98.2010, 3.9880, 4.8200



64.9380, 58.7190, 75.7350



15.7930, 14.4850, 18.3330

Previews

White Background



This preview shows how the YIQ color 154.7810, -11.6040, 23.0840 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 154.7810, -11.6040, 23.0840 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

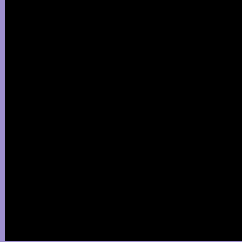
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 154.7810, -11.6040, 23.0840

Background



This preview shows how black text looks on a background with the YIQ color 154.7810, -11.6040, 23.0840.



This preview shows how white text looks on a background with the YIQ color 154.7810, -11.6040,

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

154.7810, -11.6040, 23.0840

Protanopia

151.9850, -30.0340, 15.6780

Deuteranopia

152.4970, -25.7240, 14.6600



Tritanopia

152.0690, -4.4480, 3.5200

Trichromacy



Original Color

154.7810, -11.6040, 23.0840

Protanomaly

152.6870, -23.2030, 18.5330

Deuteranomaly

153.1280, -20.1310, 17.9250

Tritanomaly

153.0290, -6.9710, 10.7010

Monochromacy



Original Color

154.7810, -11.6040, 23.0840

Achromatopsia

155.0000, -0.0000, 0.0000

Achromatomaly

155.1170, -4.4030, 8.2130

CSS Examples

Text

The CSS property to change the color of the text to YIQ 154.7810, -11.6040, 23.0840 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(158, 143, 207)` looks like.

```
.text, #text, p{  
    color:rgb(158, 143, 207)  
}
```

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(158, 143, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 143, 207) }
```

Border

The CSS property to change the border of an element to YIQ 154.7810, -11.6040, 23.0840 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(158, 143, 207) }
```


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

```
.border{ border-color:rgb(158, 143, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 143, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 143, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 143, 207);  
box-shadow:4px 4px 4px 4px rgb(158, 143,  
207) }
```

Background

The CSS property to change the background color of an element to YIQ 154.7810, -11.6040, 23.0840 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 143, 207) }
```

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

```
.background{ background-color: rgb(158,  
143, 207) }
```

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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