

Converting Colors

YIQ(153.0260, -18.9430,
40.4570)

Have a look what the booklet for
YIQ(153.0260, -18.9430, 40.4570)
contains.

| | |
|--|----|
| YIQ(153.0260, -18.9430, 40.4570) | 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(153.0260, -18.9430,
40.4570)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | A084F3 |
| RGB | 160, 132, 243 |
| RGB Percent | 63%, 52%, 95% |
| CMY | 0.3724, 0.4824, 0.0472 |
| CMYK | 0.34, 0.46, 0.00, 0.05 |
| HSL | 255°, 82%, 74% |
| HSV | 255°, 46%, 95% |
| XYZ | 38.9253, 30.4451, 88.5864 |
| YIQ | 153.0260, -18.9430, 40.4570 |

Conversions

Conversions Part 2

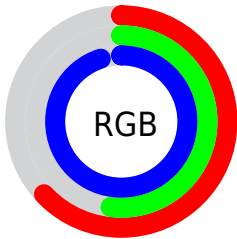
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 160, 132, 243 |
| Decimal | 10519795 |
| CIE _{Lab} | 62.04, 34.94, -52.16 |
| CIE _{LCh} | 62, 62.786, 303.818 |
| Yxy | 30.4451, 0.2464, 0.1927 |
| Android (android.graphics.Color) | 4288709875 (0xFFA084F3) |
| YUV | 153.0260, 44.3572, 6.1162 |
| Hunter-Lab | 55.1771, 29.3648, -56.5656 |

Details

The YIQ color $153.0260, -18.9430, 40.4570$ is a light color, and the websafe version is hex $9999FF$. A complement of this color would be $221.9740, 18.9430, -40.4570$, and the grayscale version is $153.0000, 0.0000, -0.0000$.

A 20% lighter version of the original color is $202.5480, -3.3980, 28.5540$, and $100.4340, -20.2720, 37.0080$ is the 20% darker color. If you saturate the color by 10%, you get $133.5560, -23.0710, 49.1930$, and if you desaturate by 10%, it is $172.4960, -14.8150, 31.7210$.

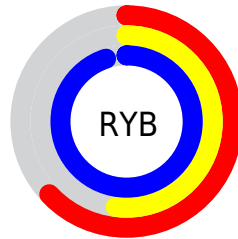
Distribution



Red (63%)

Green (52%)

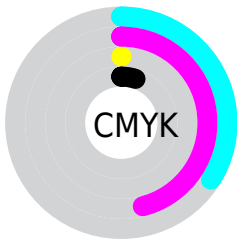
Blue (95%)



Red (63%)

Yellow (52%)

Blue (95%)

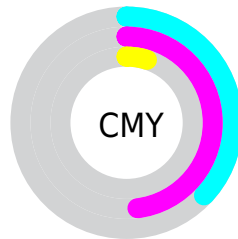


Cyan (34%)

Magenta (46%)

Yellow (0%)

Black (5%)



Cyan (37%)

Magenta (48%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 153.0260, -18.9430, 40.4570 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 153.0260, -18.9430, 40.4570 by changing the saturation by 10% instead.

■ 153.0260,
-18.9430, 40.4570

■ 153.0260,
-18.9430, 40.4570

■ 255.0000, -0.0000,
-0.0000

■ 126.0860,
-19.1720, 39.1000

■ 202.5480, -3.3980,
28.5540

■ 100.4340,
-20.2720, 37.0080

■ 227.9540, 6.7820,
20.2700

■ 74.8960, -21.6930,
35.2270

■ 247.3690, 3.5750,
6.7990

■ 50.2330, -24.2600,
32.1880

■ 22.6940, -33.1080,
27.3400

■ 9.2340, -26.0010,
25.1910

■ 9.4330, -19.6720,

15.1120

■ 5.1640, -11.7850,
9.8390

■ 1.1400, -3.2100,
3.1100

■ 153.0260,
-18.9430, 40.4570

■ 153.0260,
-18.9430, 40.4570

■ 133.5560,
-23.0710, 49.1930

■ 172.4960,
-14.8150, 31.7210

■ 113.4990,
-26.9240, 58.4520

■ 192.5530,
-10.9620, 22.4620

■ 94.0290, -31.0520,
67.1880

■ 212.3220, -6.2380,
13.9380

■ 74.2600, -35.7760,
75.7120

■ 231.7920, -2.1100,
5.2020

■ 54.7900, -39.9040,
84.4480

■ 251.2620, 2.0180,
-3.5340

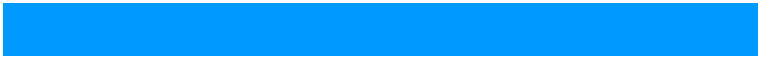
■ 45.9410, -41.6470,
88.5050

■ 253.6320, 3.8520,
-3.7320

Harmonies

Analogous

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



119.4680, -124.2050, -1.2370



153.0260, -18.9430, 40.4570



152.8730, 39.0080, 52.9920

Triad

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



153.0260, -18.9430, 40.4570



145.5510, 78.4950, -7.3690



121.0960, -98.4760, -43.5320

Complementary

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



153.0260, -18.9430, 40.4570



221.9740, 18.9430, -40.4570

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.



112.7230, -79.0330, -60.0010



153.0260, -18.9430, 40.4570



141.7580, 54.8420, -35.7660

Square

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



153.0260, -18.9430, 40.4570



145.8510, 87.6590, 24.8030



135.8260, 7.4360, -46.6760



126.7790, -115.8560, -25.9040

Rectangle

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



153.0260, -18.9430, 40.4570



148.5910, 66.1050, 52.0010



135.8260, 7.4360, -46.6760



118.8160, -92.0560, -49.7520

Sweetspot

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



153.0260, -18.9430, 40.4570



225.7950, -6.1920, 13.1040



193.3750, -58.4560, -8.8880



110.0030, -4.0820, 7.9020



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.



153.0260, -18.9430, 40.4570



141.4250, -24.0800, 50.9600



169.4710, 13.8370, 52.1170



112.2650, -2.0640, 4.3680



35.2570, -31.6940, 67.8100



11.2110, -9.9990, 21.5290

Inverse Universe

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



174.6510, 39.5130, 49.3450



168.8300, 49.7350, 62.3350



205.5290, -13.8370, -52.1170



114.6140, 4.2630, 5.3430



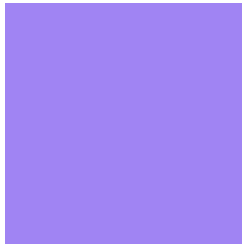
71.4600, 66.2370, 82.6610



22.6570, 21.0400, 26.1920

Previews

White Background



This preview shows how the YIQ color 153.0260, -18.9430, 40.4570 looks on a white background.

Color Contrast Check

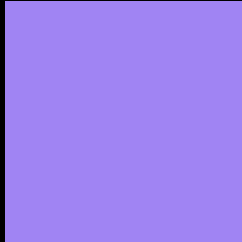
Large Text (above 18pt) WCAG AA × Fail

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 153.0260, -18.9430, 40.4570 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

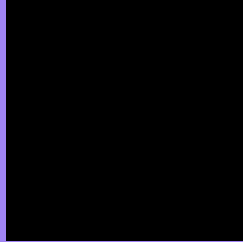
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 153.0260, -18.9430, 40.4570

Background



This preview shows how black text looks on a background with the YIQ color 153.0260, -18.9430, 40.4570.



This preview shows how white text looks on a background with the YIQ color 153.0260, -18.9430,

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

153.0260, -18.9430, 40.4570

Protanopia

145.5690, -60.6170, 24.7830

Deuteranopia

144.8970, -58.9650, 16.8670



Tritanopia

149.2750, -8.0240, 2.2480

Trichromacy



Original Color

153.0260, -18.9430, 40.4570

Protanomaly

148.4570, -45.4420, 30.6060

Deuteranomaly

147.4800, -44.2490, 25.5030

Tritanomaly

150.2660, -11.8320, 16.2000

Monochromacy



Original Color

153.0260, -18.9430, 40.4570

Achromatopsia

153.0000, 0.0000, -0.0000

Achromatomaly

152.9630, -6.6050, 15.0830

CSS Examples

Text

The CSS property to change the color of the text to YIQ 153.0260, -18.9430, 40.4570 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(160, 132, 243)` looks like.

```
.text, #text, p{  
    color:rgb(160, 132, 243)  
}
```

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(160, 132, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 132, 243) }
```

Border

The CSS property to change the border of an element to YIQ 153.0260, -18.9430, 40.4570 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(160, 132, 243) }
```


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

```
.border{ border-color:rgb(160, 132, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 132, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(160, 132, 243); -webkit-box-shadow:4px 4px 4px 4px rgb(160, 132, 243); box-shadow:4px 4px 4px 4px rgb(160, 132, 243) }
```

Background

The CSS property to change the background color of an element to YIQ 153.0260, -18.9430, 40.4570 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 132, 243) }
```

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

```
.background{ background-color: rgb(160,  
132, 243) }
```

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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