

Converting Colors

YIQ(60.5260, -21.2450, 93.2110)

Have a look what the booklet for
YIQ(60.5260, -21.2450, 93.2110)
contains.

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Color

**YIQ(60.5260, -21.2450,
93.2110)**

Conversions

Conversions Part 1

Format	Color
Hex	6206F3
RGB	98, 6, 243
RGB Percent	38%, 2%, 95%
CMY	0.6153, 0.9767, 0.0473
CMYK	0.60, 0.98, 0.00, 0.05
HSL	263°, 95%, 49%
HSV	263°, 98%, 95%
XYZ	21.2791, 9.1982, 85.3938
YIQ	60.5260, -21.2450, 93.2110

Conversions

Conversions Part 2

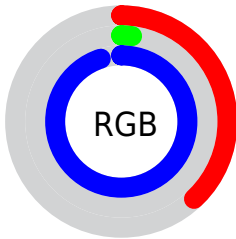
Format	Color
R_{YB}	98, 6, 243
Decimal	6424307
CIE _{Lab}	36.36, 77.90, -94.16
CIE _{LCh}	36, 122.206, 309.603
Yxy	9.1982, 0.1836, 0.0794
Android (android.graphics.Color)	4284614387 (0xFF6206F3)
YUV	60.5260, 89.9597, 32.8647
Hunter-Lab	30.3286, 72.1642, -145.7082

Details

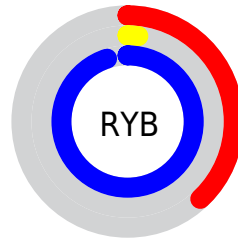
The YIQ color **60.5260, -21.2450, 93.2110** is a dark color, and the websafe version is hex **6600FF**. The color can be described as dark saturated purple. A complement of this color would be **188.4740, 21.2450, -93.2110**, and the grayscale version is **60.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **124.7780, -5.2400, 72.9680**, and **21.0900, -59.3850, 57.5350** is the 20% darker color. If you saturate the color by 10%, you get **55.8080, -21.9790, 95.5010**, and if you desaturate by 10%, it is **79.0990, -18.9050, 83.8390**.

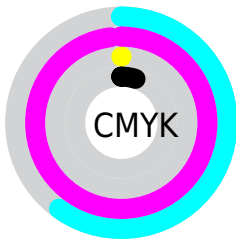
Distribution



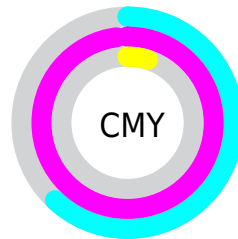
- Red (38%)
- Green (2%)
- Blue (95%)



- Red (38%)
- Yellow (2%)
- Blue (95%)



- Cyan (60%)
- Magenta (98%)
- Yellow (0%)
- Black (5%)





- Cyan (62%)
- Magenta (98%)
- Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 60.5260, -21.2450, 93.2110 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 60.5260, -21.2450, 93.2110 by changing the saturation by 10% instead.


 60.5260, -21.2450,
93.2110

 60.5260, -21.2450,
93.2110


255.0000, -0.0000,
-0.0000


 42.0370, -33.5300,
79.0620


 124.7780, -5.2400,
72.9680


 21.0900, -59.3850,
57.5350


 150.4830, 5.5360,
64.8960


 17.8980, -50.3970,
48.8270


 176.4870, 16.9080,
57.0360

 14.8200, -41.7300,
40.4300

 201.5830, 25.0250,
47.5930

 13.5030, -33.8880,
30.4640

 218.6060, 17.0500,
32.4260

 14.7620, -27.7880,
19.0280

 235.6290, 9.0750,

 9.0910, -18.7090,

17.2590

14.1790

252.6520, 1.1000,
2.0920

4.8220, -10.8220,
8.9060

0.4560, -1.2840,
1.2440

60.5260, -21.2450,
93.2110

60.5260, -21.2450,
93.2110

55.8080, -21.9790,
95.5010

79.0990, -18.9050,
83.8390

98.2590, -16.8400,
73.9440

116.8320,
-14.5000, 64.5720

135.1060,
-12.7560, 54.9880

■ 153.6790,
-10.4160, 45.6160

■ 172.8390, -8.3510,
35.7210

■ 191.4120, -6.0110,
26.3490

■ 209.9850, -3.6710,
16.9770

■ 229.1450, -1.6060,
7.0820

Harmonies

Analogous

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



84.8350, -107.9800, 29.6200



60.5260, -21.2450, 93.2110



81.8840, 77.1470, 94.1950

Triad

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



60.5260, -21.2450, 93.2110



75.4070, 79.5010, 7.4450



80.8430, -69.1820, -23.7580

Complementary

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



60.5260, -21.2450, 93.2110



188.4740, 21.2450, -93.2110

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.



65.7440, -30.8000, -58.5760



60.5260, -21.2450, 93.2110



77.3150, 19.7210, -32.5270

Square

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



60.5260, -21.2450, 93.2110



63.6870, 126.9480, 45.1560



63.3960, -29.7000, -56.4840



93.5480, -100.8230, 4.5290

Rectangle

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



60.5260, -21.2450, 93.2110



81.3510, 111.7200, 78.8560



63.3960, -29.7000, -56.4840



76.2660, -57.6720, -34.1200

Sweetspot

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



60.5260, -21.2450, 93.2110



198.1070, -6.4700, 29.1620



118.7200, -116.2270, -2.6510



93.2130, -4.3130, 17.5990



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.



60.5260, -21.2450, 93.2110



58.6710, -22.8510, 100.2930



95.5090, 48.4870, 118.0150



112.8630, -0.8720, 4.7920



42.7320, -16.7940, 73.1100



13.6030, -5.2310, 23.2250

Inverse Universe

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



93.3930, 94.7070, 95.3390



94.0290, 101.9040, 102.5760



153.4910, -48.4870, -118.0150



114.5000, 4.5840, 5.0320



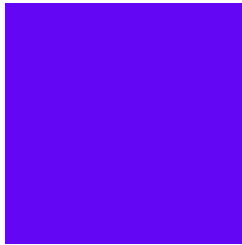
68.6100, 74.2620, 74.8860



21.7450, 23.6080, 23.7040

Previews

White Background



This preview shows how the YIQ color 60.5260, -21.2450, 93.2110 looks on a white background.

Color Contrast Check

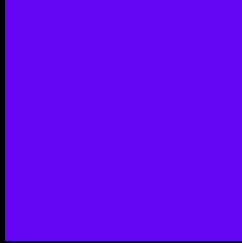
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the YIQ color 60.5260, -21.2450, 93.2110 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

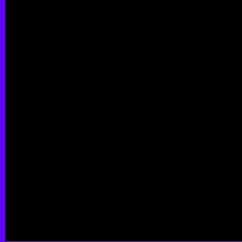
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 60.5260, -21.2450, 93.2110

Background



This preview shows how black text looks on a background with the YIQ color 60.5260, -21.2450, 93.2110.



This preview shows how white text looks on a background with the YIQ color 60.5260, -21.2450,

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

60.5260, -21.2450, 93.2110

Protanopia

68.6710, -79.0000, 11.0160

Deuteranopia

69.2290, -72.3040, -0.2080



Tritanopia

76.9610, -39.7950, -11.1790

Trichromacy



Original Color

60.5260, -21.2450, 93.2110

Protanomaly

65.8490, -57.8690, 41.0670

Deuteranomaly

66.2590, -53.5120, 33.6880

Tritanomaly

71.1670, -33.0620, 26.5060

Monochromacy



Original Color

60.5260, -21.2450, 93.2110

Achromatopsia

61.0000, 0.0000, -0.0000

Achromatomaly

60.6710, -7.9380, 33.7420

CSS Examples

Text

The CSS property to change the color of the text to YIQ 60.5260, -21.2450, 93.2110 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(98, 6, 243)` looks like.

```
.text, #text, p{  
    color:rgb(98, 6, 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(98, 6, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 6, 243) }
```

Border

The CSS property to change the border of an element to YIQ 60.5260, -21.2450, 93.2110 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(98, 6, 243) }
```


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

```
.border{ border-color:rgb(98, 6, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(98, 6, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 6, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 6, 243);  
box-shadow:4px 4px 4px 4px rgb(98, 6, 243)  
}
```

Background

The CSS property to change the background color of an element to YIQ 60.5260, -21.2450, 93.2110 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 6, 243) }
```

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

```
.background{ background-color: rgb(98, 6,  
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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