

Converting Colors

YIQ(104.1560, -24.2200,
64.5160)

Have a look what the booklet for
YIQ(104.1560, -24.2200, 64.5160)
contains.

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Color

**YIQ(104.1560, -24.2200,
64.5160)**

Conversions

Conversions Part 1

Format	Color
Hex	7945F1
RGB	121, 69, 241
RGB Percent	47%, 27%, 95%
CMY	0.5252, 0.7295, 0.0551
CMYK	0.50, 0.71, 0.00, 0.06
HSL	258°, 86%, 61%
HSV	258°, 71%, 94%
XYZ	25.8887, 14.6702, 84.6404
YIQ	104.1560, -24.2200, 64.5160

Conversions

Conversions Part 2

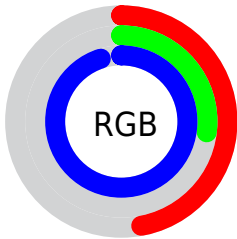
Format	Color
R _Y B	121, 69, 241
Decimal	7947761
CIE Lab	45.18, 60.41, -78.41
CIE LCh	45, 98.984, 307.610
Yxy	14.6702, 0.2068, 0.1172
Android (android.graphics.Color)	4286137841 (0xFF7945F1)
YUV	104.1560, 67.4641, 14.7722
Hunter-Lab	38.3017, 53.6228, -104.2100

Details

The YIQ color **104.1560, -24.2200, 64.5160** is a dark color, and the websafe version is hex **6633CC**. The color can be described as middle washed purple. A complement of this color would be **205.8440, 24.2200, -64.5160**, and the grayscale version is **104.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **154.5150, -6.6580, 54.6060**, and **44.1660, -30.1800, 62.3960** is the 20% darker color. If you saturate the color by 10%, you get **84.9850, -27.7520, 73.4640**, and if you desaturate by 10%, it is **123.3270, -20.6880, 55.5680**.

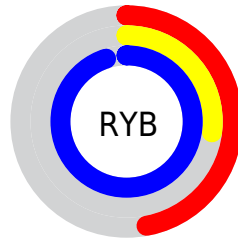
Distribution



Red (47%)

Green (27%)

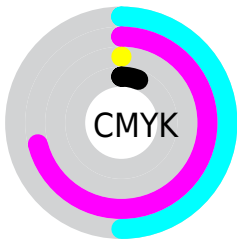
Blue (95%)



Red (47%)

Yellow (27%)

Blue (95%)

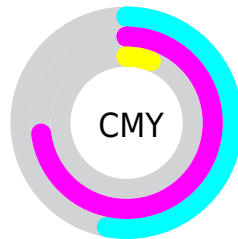


Cyan (50%)

Magenta (71%)

Yellow (0%)

Black (6%)



Cyan (53%)

Magenta (73%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 104.1560, -24.2200, 64.5160 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 104.1560, -24.2200, 64.5160 by changing the saturation by 10% instead.

■ 104.1560,
-24.2200, 64.5160

■ 104.1560,
-24.2200, 64.5160

■ 255.0000, -0.0000,
-0.0000

■ 76.0200, -26.8330,
62.3110

■ 154.5150, -6.6580,
54.6060

■ 44.1660, -30.1800,
62.3960

■ 179.6330, 4.3930,
47.0570

■ 17.7840, -50.0760,
48.5160

■ 205.0390, 14.5730,
38.7730

■ 14.7060, -41.4090,
40.1190

■ 225.0630, 14.0250,
26.6730

■ 11.7420, -33.0630,
32.0330

■ 242.0860, 6.0500,
11.5060

■ 14.6480, -27.4670,
18.7170

■ 9.0910, -18.7090,

14.1790

■ 4.7080, -10.5010,
8.5950

■ 0.3420, -0.9630,
0.9330

■ 104.1560,
-24.2200, 64.5160

■ 104.1560,
-24.2200, 64.5160

■ 84.9850, -27.7520,
73.4640

■ 123.3270,
-20.6880, 55.5680

■ 65.8140, -31.2840,
82.4120

■ 142.4980,
-17.1560, 46.6200

■ 49.3010, -33.8530,
90.4270

■ 161.3700,
-14.2200, 37.4600

■ 180.5410,
-10.6880, 28.5120

■ 199.7120, -7.1560,
19.5640

■ 219.4700, -3.8990,
10.0930

■ 238.6410, -0.3670,
1.1450

■ 253.4040, 4.4940,
-4.3540

Harmonies

Analogous

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



95.4010, -112.9300, 20.2060



104.1560, -24.2200, 64.5160



83.8930, 72.9280, 99.0720

Triad

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



104.1560, -24.2200, 64.5160



98.7200, 85.5090, -2.3230



94.8970, -78.4420, -32.1540

Complementary

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



104.1560, -24.2200, 64.5160



205.8440, 24.2200, -64.5160

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.



82.6480, -48.0850, -59.1970



104.1560, -24.2200, 64.5160



98.6450, 36.2270, -34.3090

Square

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



104.1560, -24.2200, 64.5160



67.3890, 133.7790, 48.0110



74.5490, -34.9250, -66.4210



104.7180, -104.7180, -7.4860

Rectangle

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



104.1560, -24.2200, 64.5160



84.9130, 104.5660, 87.3660



74.5490, -34.9250, -66.4210



91.0040, -68.8580, -40.6500

Sweetspot

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



104.1560, -24.2200, 64.5160



212.2390, -7.2020, 20.3980



159.0480, -88.2120, -9.2680



102.3390, -4.9080, 11.8600



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.



104.1560, -24.2200, 64.5160



80.7000, -30.9630, 82.1010



129.8700, 27.0360, 82.7480



110.2650, -2.0640, 4.3680



37.7200, -25.6880, 69.0960



11.4670, -7.8440, 21.0200

Inverse Universe

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



134.1080, 63.9920, 73.7840



118.9230, 81.4110, 94.0110



180.1300, -27.0360, -82.7480



112.5000, 4.5840, 5.0320



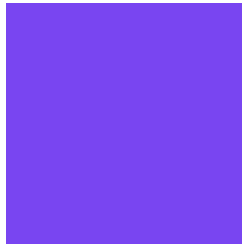
69.6080, 68.5760, 78.8160



21.1900, 20.8570, 24.0010

Previews

White Background



This preview shows how the YIQ color 104.1560, -24.2200, 64.5160 looks on a white background.

Color Contrast Check

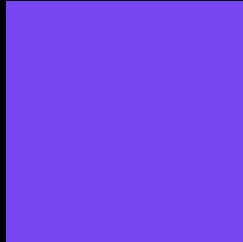
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 104.1560, -24.2200, 64.5160 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

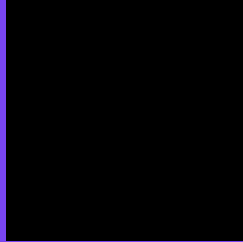
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 104.1560, -24.2200, 64.5160

Background



This preview shows how black text looks on a background with the YIQ color 104.1560, -24.2200, 64.5160.



This preview shows how white text looks on a background with the YIQ color 104.1560, -24.2200, 64.5160.

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

104.1560, -24.2200, 64.5160

Protanopia

85.1990, -97.9820, 13.6180

Deuteranopia

85.3010, -90.0020, 1.1500



Tritanopia

103.8500, -17.1930, -2.2890

Trichromacy



Original Color

104.1560, -24.2200, 64.5160



Protanomaly

92.3370, -71.3470, 32.0210



Deuteranomaly

91.9320, -66.0730, 24.5430



Tritanomaly

103.9480, -19.4440, 21.9960

Monochromacy



Original Color

104.1560, -24.2200, 64.5160



Achromatopsia

104.0000, -0.0000, -0.0000



Achromatomaly

103.8630, -8.8990, 23.6210

CSS Examples

Text

The CSS property to change the color of the text to YIQ 104.1560, -24.2200, 64.5160 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(121, 69, 241)` looks like.

```
.text, #text, p{  
    color:rgb(121, 69, 241)  
}
```

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(121, 69, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 69, 241) }
```

Border

The CSS property to change the border of an element to YIQ 104.1560, -24.2200, 64.5160 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(121, 69, 241) }
```


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

```
.border{ border-color:rgb(121, 69, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 69, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 69, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 69, 241);  
box-shadow:4px 4px 4px 4px rgb(121, 69,  
241) }
```

Background

The CSS property to change the background color of an element to YIQ 104.1560, -24.2200, 64.5160 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 69, 241) }
```

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

```
.background{ background-color: rgb(121, 69,  
241) }
```

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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