

Converting Colors

YIQ(163.4530, -22.4240,
20.9360)

Have a look what the booklet for
YIQ(163.4530, -22.4240, 20.9360)
contains.

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Color

**YIQ(163.4530, -22.4240,
20.9360)**

Conversions

Conversions Part 1

Format	Color
Hex	9B9CE0
RGB	155, 156, 224
RGB Percent	61%, 61%, 88%
CMY	0.3921, 0.3882, 0.1217
CMYK	0.31, 0.30, 0.00, 0.12
HSL	239°, 53%, 74%
HSV	239°, 31%, 88%
XYZ	38.8577, 36.1266, 75.4204
YIQ	163.4530, -22.4240, 20.9360

Conversions

Conversions Part 2

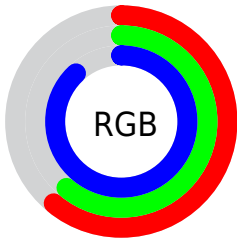
Format	Color
RYB	155, 156, 224
Decimal	10198240
CIELab	66.62, 14.99, -34.52
CIELCh	67, 37.630, 293.471
Yxy	36.1266, 0.2584, 0.2402
Android (android.graphics.Color)	4288388320 (0xFF9B9CE0)
YUV	163.4530, 29.8497, -7.4133
Hunter-Lab	60.1054, 10.2147, -32.3235

Details

The YIQ color $163.4530, -22.4240, 20.9360$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $215.5470, 22.4240, -20.9360$, and the grayscale version is $163.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $215.4290, -13.8490, 14.2070$, and $111.2850, -22.0110, 18.9570$ is the 20% darker color. If you saturate the color by 10%, you get $143.9610, -29.4860, 27.7780$, and if you desaturate by 10%, it is $182.9450, -15.3620, 14.0940$.

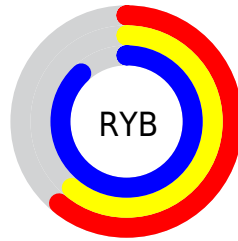
Distribution



Red (61%)

Green (61%)

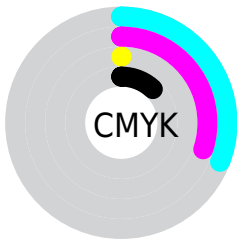
Blue (88%)



Red (61%)

Yellow (61%)

Blue (88%)

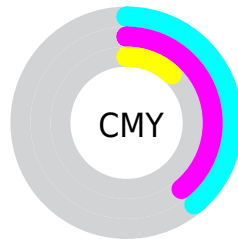


Cyan (31%)

Magenta (30%)

Yellow (0%)

Black (12%)



Cyan (39%)

Magenta (39%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 163.4530, -22.4240, 20.9360 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 163.4530, -22.4240, 20.9360 by changing the saturation by 10% instead.

■ 163.4530,
-22.4240, 20.9360

■ 163.4530,
-22.4240, 20.9360

■ 255.0000, -0.0000,
-0.0000

■ 136.9260,
-22.3780, 20.1020

■ 215.4290,
-13.8490, 14.2070

■ 111.2850,
-22.0110, 18.9570

■ 241.1230, -4.5400,
5.1880

■ 86.4590, -22.5610,
17.9110

■ 62.2200, -23.3860,
16.3420

■ 38.6710, -26.2740,
13.6140

■ 17.6170, -26.1820,
11.9460

■ 6.7770, -14.9490,

12.1150

■ 3.2090, -7.6580,
6.6300

■ 0.0000, 0.0000,
0.0000

■ 163.4530,
-22.4240, 20.9360

■ 163.4530,
-22.4240, 20.9360

■ 143.9610,
-29.4860, 27.7780

■ 182.9450,
-15.3620, 14.0940

■ 124.1700,
-37.1440, 34.4080

■ 202.7360, -7.7040,
7.4640

■ 104.6780,
-44.2060, 41.2500

■ 222.2280, -0.6420,
0.6220

■ 84.8870, -51.8640,
47.8800

■ 242.0190, 7.0160,
-6.0080

■ 65.3950, -58.9260,
54.7220

■ 251.4660, 9.9510,
-9.6410

■ 45.9030, -65.9880,
61.5640

■ 27.2970, -72.7290,
68.0950

Harmonies

Analogous

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



154.0240, -61.3010, 4.1310



163.4530, -22.4240, 20.9360



166.8720, 13.2450, 29.7970

Triad

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



163.4530, -22.4240, 20.9360



162.7120, 53.5970, 3.3330



144.3310, -56.2970, -31.5050

Complementary

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



163.4530, -22.4240, 20.9360



215.5470, 22.4240, -20.9360

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.



152.3880, -16.9130, -29.4010



163.4530, -22.4240, 20.9360



159.9840, 40.4870, -12.3850

Square

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



163.4530, -22.4240, 20.9360



164.2090, 54.2360, 19.2920



156.8450, 15.5930, -23.7910



127.0920, -109.8480, -35.6720

Rectangle

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



163.4530, -22.4240, 20.9360



166.3380, 32.3640, 30.2200



156.8450, 15.5930, -23.7910



147.5730, -42.3590, -30.7990

Sweetspot

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



163.4530, -22.4240, 20.9360



234.6220, -7.3830, 7.1530



203.2550, -40.8030, -14.9390



115.2970, -5.0900, 4.1420



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.



163.4530, -22.4240, 20.9360



172.3030, -30.4490, 28.7110



172.7330, -2.4810, 28.4550



102.2540, -3.5310, 3.4210



21.8250, -57.3210, 53.1670



6.0590, -15.6830, 14.4050

Inverse Universe

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



175.7450, 40.8030, 14.9390



189.2200, 55.7030, 20.2390



206.2670, 2.4810, -28.4550



104.2890, 6.5560, 2.3320



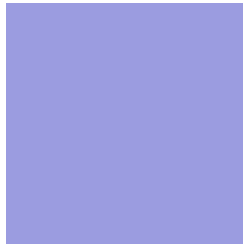
52.9660, 103.9330, 38.2450



14.4660, 28.2870, 10.4870

Previews

White Background



This preview shows how the YIQ color 163.4530, -22.4240, 20.9360 looks on a white background.

Color Contrast Check

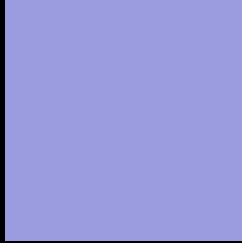
Large Text (above 18pt) WCAG AA × Fail

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 163.4530, -22.4240, 20.9360 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 163.4530, -22.4240, 20.9360

Background



This preview shows how black text looks on a background with the YIQ color 163.4530, -22.4240, 20.9360.



This preview shows how white text looks on a background with the YIQ color 163.4530, -22.4240,

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

163.4530, -22.4240, 20.9360

Protanopia

161.9570, -32.8310, 16.8090

Deuteranopia

161.8000, -30.9510, 15.7770



Tritanopia

160.5020, -16.0930, -0.1970

Trichromacy



Original Color

163.4530, -22.4240, 20.9360

Protanomaly

162.7510, -29.2550, 18.0810

Deuteranomaly

162.7080, -27.6960, 17.3600

Tritanomaly

161.8750, -18.3410, 7.5070

Monochromacy



Original Color

163.4530, -22.4240, 20.9360

Achromatopsia

163.0000, -0.0000, -0.0000

Achromatomaly

162.8500, -8.0250, 7.7750

CSS Examples

Text

The CSS property to change the color of the text to YIQ 163.4530, -22.4240, 20.9360 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(155, 156, 224)` looks like.

```
.text, #text, p{  
    color:rgb(155, 156, 224)  
}
```

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(155, 156, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 156, 224) }
```

Border

The CSS property to change the border of an element to YIQ 163.4530, -22.4240, 20.9360 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(155, 156, 224) }
```


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

```
.border{ border-color:rgb(155, 156, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 156, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 156, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 156, 224);  
box-shadow:4px 4px 4px 4px rgb(155, 156,  
224) }
```

Background

The CSS property to change the background color of an element to YIQ 163.4530, -22.4240, 20.9360 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 156, 224) }
```

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

```
.background{ background-color: rgb(155,  
156, 224) }
```

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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