

Converting Colors

YIQ(155.7090, -20.2690,
20.4270)

Have a look what the booklet for
YIQ(155.7090, -20.2690, 20.4270)
contains.

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Color

**YIQ(155.7090, -20.2690,
20.4270)**

Conversions

Conversions Part 1

Format	Color
Hex	9594D5
RGB	149, 148, 213
RGB Percent	58%, 58%, 84%
CMY	0.4156, 0.4196, 0.1648
CMYK	0.30, 0.31, 0.00, 0.16
HSL	241°, 44%, 71%
HSV	241°, 31%, 84%
XYZ	34.9923, 32.3727, 67.3329
YIQ	155.7090, -20.2690, 20.4270

Conversions

Conversions Part 2

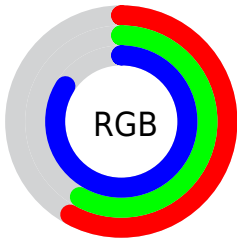
Format	Color
R_{YB}	149, 148, 213
Decimal	9802965
CIE _{Lab}	63.65, 15.04, -33.07
CIE _{LCh}	64, 36.325, 294.456
Yxy	32.3727, 0.2598, 0.2403
Android (android.graphics.Color)	4287993045 (0xFF9594D5)
YUV	155.7090, 28.2445, -5.8838
Hunter-Lab	56.8970, 10.2096, -30.3368

Details

The YIQ color $155.7090, -20.2690, 20.4270$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $205.2910, 20.2690, -20.4270$, and the grayscale version is $155.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $208.6400, -15.8210, 16.9070$, and $103.6550, -20.1770, 18.7590$ is the 20% darker color. If you saturate the color by 10%, you get $137.1030, -27.0100, 26.9580$, and if you desaturate by 10%, it is $174.3150, -13.5280, 13.8960$.

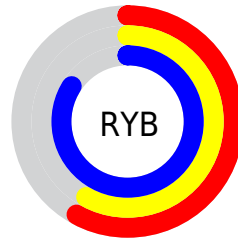
Distribution



Red (58%)

Green (58%)

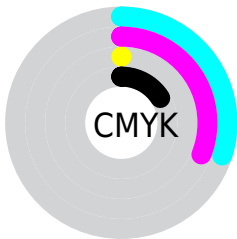
Blue (84%)



Red (58%)

Yellow (58%)

Blue (84%)

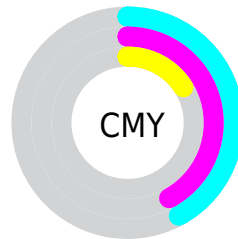


Cyan (30%)

Magenta (31%)

Yellow (0%)

Black (16%)



Cyan (42%)

Magenta (42%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 155.7090, -20.2690, 20.4270 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 155.7090, -20.2690, 20.4270 by changing the saturation by 10% instead.

■ 155.7090,
-20.2690, 20.4270

■ 155.7090,
-20.2690, 20.4270

■ 255.0000, -0.0000,
-0.0000

■ 129.1820,
-20.2230, 19.5930

■ 208.6400,
-15.8210, 16.9070

■ 103.6550,
-20.1770, 18.7590

■ 233.7470, -6.2370,
8.4110

■ 79.7150, -20.4060,
17.4020

■ 55.4760, -21.2310,
15.8330

■ 32.0410, -24.4400,
13.4160

■ 10.7210, -20.5430,
14.3770

■ 5.2780, -12.1060,

10.1500

■ 1.3680, -3.8520,
3.7320

■ 0.0000, 0.0000,
0.0000

■ 155.7090,
-20.2690, 20.4270

■ 155.7090,
-20.2690, 20.4270

■ 137.1030,
-27.0100, 26.9580

■ 174.3150,
-13.5280, 13.8960

■ 117.9100,
-33.4760, 34.0120

■ 193.5080, -7.0620,
6.8420

■ 99.3040, -40.2170,
40.5430

■ 212.1140, -0.3210,
0.3110

■ 80.6980, -46.9580,
47.0740

■ 230.7200, 6.4200,
-6.2200

■ 62.0920, -53.6990,
53.6050

■ 249.3260, 13.1610,
-12.7510

■ 42.8990, -60.1650,
60.6590

■ 250.2120, 13.4820,
-13.0620

■ 25.1790, -66.5850,
66.8790

Harmonies

Analogous

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



146.5900, -57.0830, 4.7810



155.7090, -20.2690, 20.4270



158.2310, 13.6120, 28.6520

Triad

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



155.7090, -20.2690, 20.4270



154.6300, 50.8920, 2.7960



136.8690, -54.8760, -29.7240

Complementary

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



155.7090, -20.2690, 20.4270



205.2910, 20.2690, -20.4270

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.



144.0290, -17.2800, -28.2560



155.7090, -20.2690, 20.4270



152.3150, 38.0570, -12.3990

Square

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



155.7090, -20.2690, 20.4270



155.8990, 52.1730, 18.1330



148.8880, 14.0340, -23.0700



120.8970, -104.8050, -33.4530

Rectangle

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



155.7090, -20.2690, 20.4270



158.3980, 32.1350, 28.8630



148.8880, 14.0340, -23.0700



139.8120, -41.5340, -29.2300

Sweetspot

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



155.7090, -20.2690, 20.4270



234.6220, -7.3830, 7.1530



193.5650, -38.7400, -13.7800



115.0090, -4.2190, 4.8770



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.



155.7090, -20.2690, 20.4270



172.0150, -29.5780, 29.4460



164.9780, -1.7930, 26.9990



97.5530, -2.9350, 3.6330



20.3910, -53.1030, 53.8170



5.2010, -13.2070, 13.5850

Inverse Universe

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



174.7310, 18.1960, 33.6840



199.7080, 26.1710, 48.8510



195.7230, 1.1970, -27.2110



100.5430, 3.0250, 5.7530



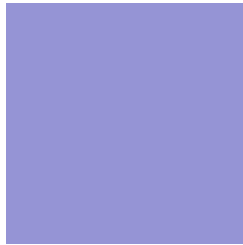
70.2810, 47.9880, 88.5000



17.7590, 11.8250, 22.4890

Previews

White Background



This preview shows how the YIQ color 155.7090, -20.2690, 20.4270 looks on a white background.

Color Contrast Check

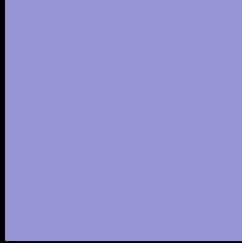
Large Text (above 18pt) WCAG AA × Fail

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 155.7090, -20.2690, 20.4270 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

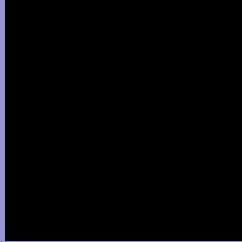
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 155.7090, -20.2690, 20.4270

Background



This preview shows how black text looks on a background with the YIQ color 155.7090, -20.2690, 20.4270.



This preview shows how white text looks on a background with the YIQ color 155.7090, -20.2690,

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

155.7090, -20.2690, 20.4270

Protanopia

153.9140, -31.2720, 16.0880

Deuteranopia

154.0560, -28.7960, 15.2680



Tritanopia

153.2850, -13.9840, 0.1280

Trichromacy



Original Color

155.7090, -20.2690, 20.4270

Protanomaly

154.7080, -27.6960, 17.3600

Deuteranomaly

154.9640, -25.5410, 16.8510

Tritanomaly

154.2450, -16.5070, 7.3090

Monochromacy



Original Color

155.7090, -20.2690, 20.4270

Achromatopsia

156.0000, -0.0000, -0.0000

Achromatomaly

155.7360, -7.7040, 7.4640

CSS Examples

Text

The CSS property to change the color of the text to YIQ 155.7090, -20.2690, 20.4270 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(149, 148, 213)` looks like.

```
.text, #text, p{  
    color:rgb(149, 148, 213)  
}
```

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(149, 148, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 148, 213) }
```

Border

The CSS property to change the border of an element to YIQ 155.7090, -20.2690, 20.4270 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(149, 148, 213) }
```


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

```
.border{ border-color:rgb(149, 148, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 148, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 148, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 148, 213);  
box-shadow:4px 4px 4px 4px rgb(149, 148,  
213) }
```

Background

The CSS property to change the background color of an element to YIQ 155.7090, -20.2690, 20.4270 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 148, 213) }
```

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

```
.background{ background-color: rgb(149,  
148, 213) }
```

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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