

Converting Colors

YIQ(56.5620, -31.2350, 64.9970)

Have a look what the booklet for
YIQ(56.5620, -31.2350, 64.9970)
contains.

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Color

**YIQ(56.5620, -31.2350,
64.9970)**

Conversions

Conversions Part 1

Format	Color
Hex	4317CA
RGB	67, 23, 202
RGB Percent	26%, 9%, 79%
CMY	0.7370, 0.9099, 0.2081
CMYK	0.67, 0.89, 0.00, 0.21
HSL	255°, 80%, 44%
HSV	255°, 89%, 79%
XYZ	13.2773, 6.0684, 56.3071
YIQ	56.5620, -31.2350, 64.9970

Conversions

Conversions Part 2

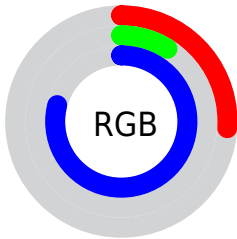
Format	Color
R _Y B	67, 23, 202
Decimal	4397002
CIE Lab	29.58, 62.95, -81.94
CIE LCh	30, 103.328, 307.533
Yxy	6.0684, 0.1755, 0.0802
Android (android.graphics.Color)	4282587082 (0xFF4317CA)
YUV	56.5620, 71.7009, 9.1541
Hunter-Lab	24.6342, 53.0980, -118.2772

Details

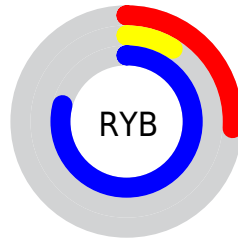
The YIQ color **56.5620, -31.2350, 64.9970** is a dark color, and the websafe version is hex **3300CC**. The color can be described as dark washed blue. A complement of this color would be **168.4380, 31.2350, -64.9970**, and the grayscale version is **56.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **114.6230, -24.0370, 66.7070**, and **16.6440, -46.8660, 45.4060** is the 20% darker color. If you saturate the color by 10%, you get **40.3370, -34.6750, 72.2770**, and if you desaturate by 10%, it is **72.7870, -27.7950, 57.7170**.

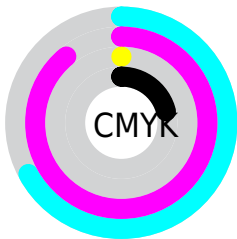
Distribution



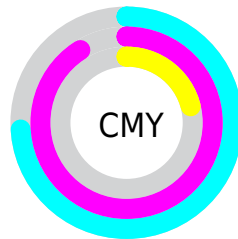
- Red (26%)
- Green (9%)
- Blue (79%)



- Red (26%)
- Yellow (9%)
- Blue (79%)



- Cyan (67%)
- Magenta (89%)
- Yellow (0%)
- Black (21%)



- Cyan (74%)
- Magenta (91%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 56.5620, -31.2350, 64.9970 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 56.5620, -31.2350, 64.9970 by changing the saturation by 10% instead.

■ 56.5620, -31.2350,
64.9970

■ 56.5620, -31.2350,
64.9970

■ 255.0000, -0.0000,
-0.0000

■ 24.9190, -45.7220,
57.7180

■ 114.6230,
-24.0370, 66.7070

■ 16.6440, -46.8660,
45.4060

■ 139.7410,
-12.9860, 59.1580

■ 13.6800, -38.5200,
37.3200

■ 164.2720, -1.6600,
52.1320

■ 10.7160, -30.1740,
29.2340

■ 189.9770, 9.1160,
44.0600

■ 12.5620, -24.3490,
17.2750

■ 215.0840, 18.7000,
35.5640

■ 6.8910, -15.2700,
12.4260


■ 231.5200, 11.0000,


■ 3.3230, -7.9790,


20.9200


6.9410


 248.5430, 3.0250,
5.7530


 0.0000, 0.0000,
0.0000


 56.5620, -31.2350,
64.9970


 56.5620, -31.2350,
64.9970


 40.3370, -34.6750,
72.2770


 72.7870, -27.7950,
57.7170

 37.9780, -35.0420,
73.4220

 89.3110, -23.7590,
50.6490

 106.1230,
-20.5940, 42.8460

 122.3480,
-17.1540, 35.5660

 138.5730,
-13.7140, 28.2860

■ 154.7980,
-10.2740, 21.0060

■ 171.3220, -6.2380,
13.9380

■ 188.1340, -3.0730,
6.1350

■ 204.3590, 0.3670,
-1.1450

Harmonies

Analogous

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



73.3910, -97.8020, 32.3900



56.5620, -31.2350, 64.9970



66.2910, 59.2230, 77.6150

Triad

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



56.5620, -31.2350, 64.9970



60.0130, 69.0470, 9.6790



65.3240, -54.4190, -21.4830

Complementary

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



56.5620, -31.2350, 64.9970



168.4380, 31.2350, -64.9970

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.



54.0040, -25.3000, -48.1160



56.5620, -31.2350, 64.9970



63.7700, 20.1780, -24.2860

Square

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



56.5620, -31.2350, 64.9970



52.9230, 105.4920, 37.5240



51.0690, -23.9250, -45.5010



76.2050, -80.9240, 1.8280

Rectangle

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



56.5620, -31.2350, 64.9970



66.9410, 89.0270, 66.1070



51.0690, -23.9250, -45.5010



61.5450, -45.1560, -29.6680

Sweetspot

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



56.5620, -31.2350, 64.9970



198.9490, -12.0170, 25.0630



123.8250, -95.1340, -15.9820



94.6640, -7.2010, 14.8710



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.



56.5620, -31.2350, 64.9970



47.9070, -44.3070, 92.6610



82.5750, 20.6170, 83.4410



93.7380, -2.0180, 3.5340



31.1830, -28.8500, 60.3180



7.0230, -6.8340, 13.7260

Inverse Universe

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



91.9110, 63.3490, 79.9330



98.1330, 90.3480, 113.7720



142.4250, -20.6170, -83.4410



95.7880, 3.7130, 4.2970



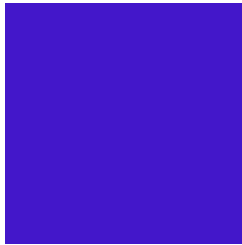
63.8840, 58.8110, 74.0670



14.6680, 13.3390, 17.0750

Previews

White Background



This preview shows how the YIQ color 56.5620, -31.2350, 64.9970 looks on a white background.

Color Contrast Check

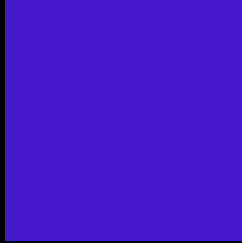
Large Text (above 18pt) WCAG AA ✓ Pass

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 56.5620, -31.2350, 64.9970 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

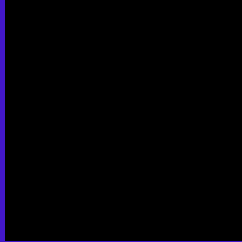
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 56.5620, -31.2350, 64.9970

Background



This preview shows how black text looks on a background with the YIQ color 56.5620, -31.2350, 64.9970.



This preview shows how white text looks on a background with the YIQ color 56.5620, -31.2350,

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

56.5620, -31.2350, 64.9970

Protanopia

56.1040, -64.2820, 8.5980

Deuteranopia

56.0580, -58.6410, -0.0250



Tritanopia

55.2480, -48.0930, -14.9810

Trichromacy



Original Color

56.5620, -31.2350, 64.9970

Protanomaly

56.3960, -52.6400, 28.8960

Deuteranomaly

55.9740, -48.6960, 23.4960

Tritanomaly

55.5860, -42.0920, 13.9400

Monochromacy



Original Color

56.5620, -31.2350, 64.9970

Achromatopsia

57.0000, 0.0000, 0.0000

Achromatomaly

57.1940, -11.3290, 23.6070

CSS Examples

Text

The CSS property to change the color of the text to YIQ 56.5620, -31.2350, 64.9970 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(67, 23, 202)` looks like.

```
.text, #text, p{  
    color:rgb(67, 23, 202)  
}
```

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(67, 23, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(67, 23, 202) }
```

Border

The CSS property to change the border of an element to YIQ 56.5620, -31.2350, 64.9970 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(67, 23, 202) }
```


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

```
.border{ border-color:rgb(67, 23, 202) }
```

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

Here you see how a box with a 4 pixel rgb(67, 23, 202) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(67, 23, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(67, 23, 202);  
box-shadow:4px 4px 4px 4px rgb(67, 23,  
202) }
```

Background

The CSS property to change the background color of an element to YIQ 56.5620, -31.2350, 64.9970 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(67, 23, 202) }
```

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

```
.background{ background-color: rgb(67, 23,  
202) }
```

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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