

Converting Colors

YIQ(157.6030, -5.2310, 23.2250)

Have a look what the booklet for
YIQ(157.6030, -5.2310, 23.2250)
contains.

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Color

**YIQ(157.6030, -5.2310,
23.2250)**

Conversions

Conversions Part 1

Format	Color
Hex	A790CB
RGB	167, 144, 203
RGB Percent	65%, 56%, 80%
CMY	0.3450, 0.4353, 0.2040
CMYK	0.18, 0.29, 0.00, 0.20
HSL	263°, 36%, 68%
HSV	263°, 29%, 80%
XYZ	36.6906, 32.4727, 60.8234
YIQ	157.6030, -5.2310, 23.2250

Conversions

Conversions Part 2

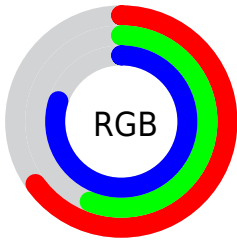
Format	Color
RYB	167, 144, 203
Decimal	10981579
CIELab	63.73, 20.39, -27.25
CIELCh	64, 34.032, 306.811
Yxy	32.4727, 0.2823, 0.2498
Android (android.graphics.Color)	4289171659 (0xFFA790CB)
YUV	157.6030, 22.3807, 8.2412
Hunter-Lab	56.9848, 15.2067, -23.3945

Details

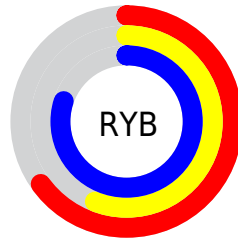
The YIQ color $157.6030, -5.2310, 23.2250$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $189.3970, 5.2310, -23.2250$, and the grayscale version is $157.0000, 0.0000, -0.0000$.

A 20% lighter version of the original color is $211.9730, -3.3970, 23.0270$, and $105.6630, -5.4600, 21.8680$ is the 20% darker color. If you saturate the color by 10%, you get $142.2750, -6.8830, 31.1410$, and if you desaturate by 10%, it is $172.9310, -3.5790, 15.3090$.

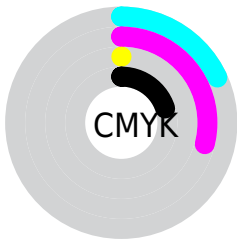
Distribution



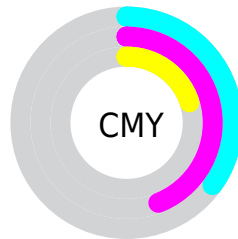
- Red (65%)
- Green (56%)
- Blue (80%)



- Red (65%)
- Yellow (56%)
- Blue (80%)



- Cyan (18%)
- Magenta (29%)
- Yellow (0%)
- Black (20%)



- Cyan (35%)
- Magenta (44%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 157.6030, -5.2310, 23.2250 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 157.6030, -5.2310, 23.2250 by changing the saturation by 10% instead.

■ 157.6030, -5.2310,
23.2250

■ 157.6030, -5.2310,
23.2250

■ 255.0000, -0.0000,
-0.0000

■ 131.0760, -5.1850,
22.3910

■ 211.9730, -3.3970,
23.0270

■ 105.6630, -5.4600,
21.8680

■ 237.0800, 6.1870,
14.5310

■ 81.7230, -5.6890,
20.5110

■ 58.1960, -5.6430,
19.6770

■ 35.9570, -6.4680,
18.1080

■ 12.3810, -4.7260,
19.5780

■ 4.4800, -9.8590,

7.9730

■ 0.0000, 0.0000,
0.0000

■ 157.6030, -5.2310,
23.2250

■ 157.6030, -5.2310,
23.2250

■ 142.2750, -6.8830,
31.1410

■ 172.9310, -3.5790,
15.3090

■ 126.0610, -8.8560,
39.3680

■ 189.1450, -1.6060,
7.0820

■ 110.7330,
-10.5080, 47.2840

■ 204.4730, 0.0460,
-0.8340

■ 95.4050, -12.1600,
55.2000

■ 220.1000, 2.2940,
-8.5380

■ 79.7780, -14.4080,
62.9040

■ 235.4280, 3.9460,
-16.4540

■ 63.8630, -15.7850,
71.3430

■ 244.8860, 8.3480,
-19.1400

■ 48.2360, -18.0330,
79.0470

■ 248.7730, 16.0960,
-16.3840

■ 46.7630, -18.0790,
79.8810

■ 249.0720, 16.6920,
-16.1720

Harmonies

Analogous

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



151.8590, -38.6070, 11.3530



157.6030, -5.2310, 23.2250



158.2660, 23.6990, 27.5630

Triad

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



157.6030, -5.2310, 23.2250



153.8200, 44.2450, -3.3950



136.0730, -64.1380, -27.0660

Complementary

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



157.6030, -5.2310, 23.2250



189.3970, 5.2310, -23.2250

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.



143.3250, -29.7970, -27.1810



157.6030, -5.2310, 23.2250



151.8190, 27.6500, -16.5260

Square

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



157.6030, -5.2310, 23.2250



156.0140, 50.1110, 11.4470



148.0160, 1.9300, -23.9740



130.4310, -88.3930, -22.5130

Rectangle

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



157.6030, -5.2310, 23.2250



157.8130, 38.0960, 25.4560



148.0160, 1.9300, -23.9740



138.1190, -52.5840, -27.2080

Sweetspot

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



157.6030, -5.2310, 23.2250



237.3130, -2.0190, 9.0610



171.8580, -28.8390, -0.4790



116.5040, -1.2390, 5.9370



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.



157.6030, -5.2310, 23.2250



186.6110, -7.7090, 35.0990



166.2740, 12.0530, 29.3730



94.3360, -0.8260, 3.9580



38.3590, -14.5460, 65.4060



8.8170, -3.2580, 14.9980

Inverse Universe

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



165.7450, 23.6080, 23.7040



198.7670, 35.7100, 35.6620



180.7260, -12.0530, -29.3730



95.6740, 4.0340, 3.9860



61.1480, 66.5150, 66.6030



13.9840, 15.2650, 15.2090

Previews

White Background



This preview shows how the YIQ color 157.6030, -5.2310, 23.2250 looks on a white background.

Color Contrast Check

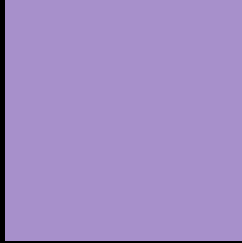
Large Text (above 18pt) WCAG AA × Fail

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 157.6030, -5.2310, 23.2250 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

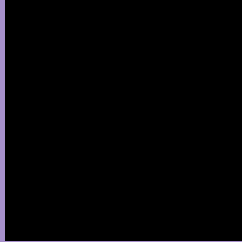
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 157.6030, -5.2310, 23.2250

Background



This preview shows how black text looks on a background with the YIQ color 157.6030, -5.2310, 23.2250.



This preview shows how white text looks on a background with the YIQ color 157.6030, -5.2310,

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

157.6030, -5.2310, 23.2250

Protanopia

154.3120, -26.6410, 14.7590

Deuteranopia

155.1940, -20.4970, 13.5430



Tritanopia

155.6460, 1.2370, 5.1170

Trichromacy



Original Color

157.6030, -5.2310, 23.2250

Protanomaly

155.6120, -18.6180, 18.0380

Deuteranomaly

155.9390, -15.2250, 17.1190

Tritanomaly

156.4920, -0.9650, 11.9870

Monochromacy



Original Color

157.6030, -5.2310, 23.2250

Achromatopsia

158.0000, -0.0000, 0.0000

Achromatomaly

157.7860, -1.9730, 8.2270

CSS Examples

Text

The CSS property to change the color of the text to YIQ 157.6030, -5.2310, 23.2250 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(167, 144, 203)` looks like.

```
.text, #text, p{  
    color:rgb(167, 144, 203)  
}
```

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(167, 144, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 144, 203) }
```

Border

The CSS property to change the border of an element to YIQ 157.6030, -5.2310, 23.2250 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(167, 144, 203) }
```


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

```
.border{ border-color:rgb(167, 144, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 144, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 144, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 144, 203);  
box-shadow:4px 4px 4px 4px rgb(167, 144,  
203) }
```

Background

The CSS property to change the background color of an element to YIQ 157.6030, -5.2310, 23.2250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 144, 203) }
```

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

```
.background{ background-color: rgb(167,  
144, 203) }
```

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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