

Converting Colors

YIQ(162.4060, 2.1530, 10.5450)

Have a look what the booklet for
YIQ(162.4060, 2.1530, 10.5450)
contains.

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Color

**YIQ(162.4060, 2.1530,
10.5450)**

Conversions

Conversions Part 1

Format	Color
Hex	AB9BB2
RGB	171, 155, 178
RGB Percent	67%, 61%, 70%
CMY	0.3294, 0.3922, 0.3020
CMYK	0.04, 0.13, 0.00, 0.30
HSL	282°, 13%, 65%
HSV	282°, 13%, 70%
XYZ	36.5534, 35.3142, 47.0080
YIQ	162.4060, 2.1530, 10.5450

Conversions

Conversions Part 2

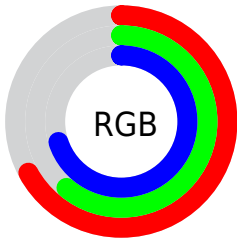
Format	Color
RYB	171, 155, 178
Decimal	11246514
CIELab	65.99, 10.19, -9.79
CIElCh	66, 14.134, 316.144
Yxy	35.3142, 0.3075, 0.2971
Android (android.graphics.Color)	4289436594 (0xFFAB9BB2)
YUV	162.4060, 7.6878, 7.5369
Hunter-Lab	59.4257, 5.8022, -5.3026

Details

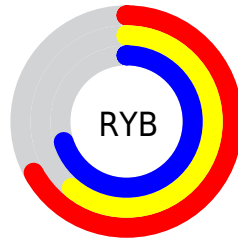
The YIQ color $162.4060, 2.1530, 10.5450$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $170.5940, -2.1530, -10.5450$, and the grayscale version is $162.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $216.9330, 2.1070, 11.3790$, and $110.8790, 2.1990, 9.7110$ is the 20% darker color. If you saturate the color by 10%, you get $150.3450, 4.1230, 18.8990$, and if you desaturate by 10%, it is $174.4670, 0.1830, 2.1910$.

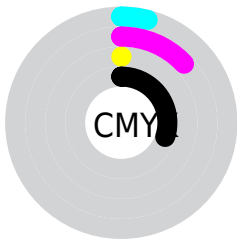
Distribution



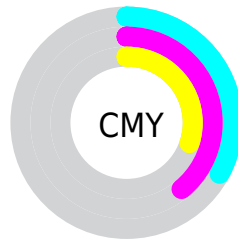
- Red (67%)
- Green (61%)
- Blue (70%)



- Red (67%)
- Yellow (61%)
- Blue (70%)



- Cyan (4%)
- Magenta (13%)
- Yellow (0%)
- Black (30%)



- Cyan (33%)
- Magenta (39%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 162.4060, 2.1530, 10.5450 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 162.4060, 2.1530, 10.5450 by changing the saturation by 10% instead.

■ 162.4060, 2.1530,
10.5450

■ 162.4060, 2.1530,
10.5450

255.0000, -0.0000,
-0.0000

■ 135.9930, 1.8780,
10.0220

■ 216.9330, 2.1070,
11.3790

■ 110.8790, 2.1990,
9.7110

■ 245.0210, 4.6750,
8.8910

■ 86.4660, 1.9240,
9.1880

■ 63.0530, 1.6490,
8.6650

■ 41.0530, 1.6490,
8.6650

■ 19.9390, 1.9700,
8.3540

■ 0.7980, -2.2470,

2.1770

0.0000, 0.0000,
0.0000

162.4060, 2.1530,
10.5450

162.4060, 2.1530,
10.5450

150.3450, 4.1230,
18.8990

174.4670, 0.1830,
2.1910

137.9850, 5.4970,
27.0410

186.8270, -1.1910,
-5.9510

126.5110, 7.1920,
34.8720

198.3010, -2.8860,
-13.7820

114.1510, 8.5660,
43.0140

210.6610, -4.2600,
-21.9240

102.0900, 10.5360,
51.3680

222.7220, -6.2300,
-30.2780

■ 90.0290, 12.5060,
59.7220

■ 230.6740, -6.2750,
-34.9710

■ 77.6690, 13.8800,
67.8640

■ 232.4680, -2.6990,
-33.6990

■ 66.1950, 15.5750,
75.6950

■ 233.9630, 0.2810,
-32.6390

■ 57.3680, 16.7660,
81.6460

■ 235.7570, 3.8570,
-31.3670

Harmonies

Analogous

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



160.7680, -10.7300, 7.2380



162.4060, 2.1530, 10.5450



162.9790, 13.6610, 11.2370

Triad

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



162.4060, 2.1530, 10.5450



160.2870, 18.0650, -2.5030



155.9260, -23.5190, -8.7910

Complementary

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



162.4060, 2.1530, 10.5450



170.5940, -2.1530, -10.5450

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.



156.2490, -14.3030, -10.6150



162.4060, 2.1530, 10.5450



159.3350, 8.9420, -7.8740

Square

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



162.4060, 2.1530, 10.5450



162.0150, 22.0070, 3.1510



157.7080, -2.4740, -10.2340



156.3050, -25.9040, -4.1120

Rectangle

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



162.4060, 2.1530, 10.5450



163.1490, 18.9340, 9.2860



157.7080, -2.4740, -10.2340



156.0680, -21.0430, -9.6110

Sweetspot

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



162.4060, 2.1530, 10.5450



225.8200, 0.6870, 4.0710



161.7310, -9.3080, 3.4920



113.1790, 1.0540, 2.9260



245.0000, -0.0000, 0.0000



117.0000, -0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



162.4060, 2.1530, 10.5450



206.9920, 3.6190, 17.0190



164.0430, 7.6090, 10.7850



83.1190, 1.2830, 4.2830



49.4350, 14.6590, 70.2670



8.3460, 2.3820, 11.9020

Inverse Universe

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



162.6750, 11.4610, 7.0530



207.3170, 18.5210, 11.2650



168.9570, -7.6090, -10.7850



83.0330, 4.4010, 2.8410



50.9910, 76.4220, 46.7420



8.6860, 12.9280, 8.0000

Previews

White Background



This preview shows how the YIQ color 162.4060, 2.1530, 10.5450 looks on a white background.

Color Contrast Check

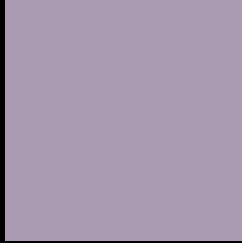
Large Text (above 18pt) WCAG AA × Fail

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 162.4060, 2.1530, 10.5450 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

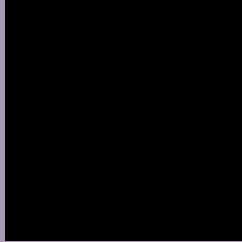
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 162.4060, 2.1530, 10.5450

Background



This preview shows how black text looks on a background with the YIQ color 162.4060, 2.1530, 10.5450.



This preview shows how white text looks on a background with the YIQ color 162.4060, 2.1530,

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

162.4060, 2.1530, 10.5450

Protanopia

160.9100, -8.2540, 6.4180

Deuteranopia

162.0960, 0.0900, 9.3860



Tritanopia

162.2550, 3.8960, 6.4880

Trichromacy



Original Color

162.4060, 2.1530, 10.5450

Protanomaly

161.7040, -4.6780, 7.6900

Deuteranomaly

162.3950, 0.6860, 9.5980

Tritanomaly

162.0100, 3.2080, 7.9440

Monochromacy



Original Color

162.4060, 2.1530, 10.5450

Achromatopsia

162.0000, -0.0000, 0.0000

Achromatomaly

161.8200, 0.6870, 4.0710

CSS Examples

Text

The CSS property to change the color of the text to YIQ 162.4060, 2.1530, 10.5450 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(171, 155, 178)` looks like.

```
.text, #text, p{  
    color:rgb(171, 155, 178)  
}
```

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(171, 155, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 155, 178) }
```

Border

The CSS property to change the border of an element to YIQ 162.4060, 2.1530, 10.5450 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(171, 155, 178) }
```


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

```
.border{ border-color:rgb(171, 155, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 155, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 155, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 155, 178);  
box-shadow:4px 4px 4px 4px rgb(171, 155,  
178) }
```

Background

The CSS property to change the background color of an element to YIQ 162.4060, 2.1530, 10.5450 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 155, 178) }
```

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

```
.background{ background-color: rgb(171,  
155, 178) }
```

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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