

Converting Colors

YIQ(62.0090, -38.6090, 22.4070)

Have a look what the booklet for
YIQ(62.0090, -38.6090, 22.4070)
contains.

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Color

**YIQ(62.0090, -38.6090,
22.4070)**

Conversions

Conversions Part 1

Format	Color
Hex	273A8F
RGB	39, 58, 143
RGB Percent	15%, 23%, 56%
CMY	0.8470, 0.7725, 0.4394
CMYK	0.73, 0.59, 0.00, 0.44
HSL	229°, 57%, 36%
HSV	229°, 73%, 56%
XYZ	7.3039, 5.4398, 26.6294
YIQ	62.0090, -38.6090, 22.4070

Conversions

Conversions Part 2

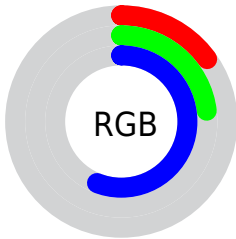
Format	Color
R_{YB}	39, 55, 143
Decimal	2570895
CIE _{Lab}	27.95, 23.12, -49.29
CIE _{LCh}	28, 54.446, 295.131
Yxy	5.4398, 0.1855, 0.1382
Android (android.graphics.Color)	4280760975 (0xFF273A8F)
YUV	62.0090, 39.9286, -20.1789
Hunter-Lab	23.3234, 15.0831, -51.3680




Details

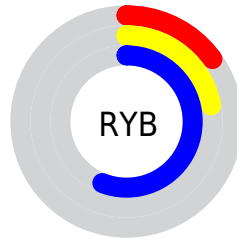
The YIQ color **62.0090, -38.6090, 22.4070** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **119.9910, 38.6090, -22.4070**, and the grayscale version is **62.0000, -0.0000, -0.0000**.




A 20% lighter version of the original color is **113.8080, -33.4290, 27.6510**, and **21.0540, -34.4820, 19.1980** is the 20% darker color. If you saturate the color by 10%, you get **50.7790, -43.6530, 25.7150**, and if you desaturate by 10%, it is **73.2390, -33.5650, 19.0990**.

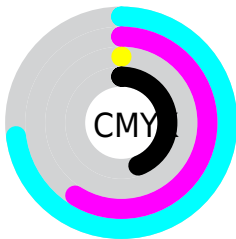
Distribution







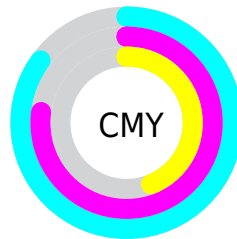
-  Red (15%)
-  Green (23%)
-  Blue (56%)






-  Red (15%)
-  Yellow (22%)
-  Blue (56%)



-  Cyan (73%)
-  Magenta (59%)
-  Yellow (0%)
-  Black (44%)



-  Cyan (85%)
-  Magenta (77%)
-  Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 62.0090, -38.6090, 22.4070 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 62.0090, -38.6090, 22.4070 by changing the saturation by 10% instead.

■ 62.0090, -38.6090,
22.4070

■ 62.0090, -38.6090,
22.4070

■ 255.0000, -0.0000,
-0.0000

■ 35.0570, -47.7320,
17.0360

■ 113.6940,
-33.1080, 27.3400

■ 21.0540, -34.4820,
19.1980

■ 140.0470,
-32.6040, 29.2200

■ 7.7520, -21.8280,
21.1480

■ 166.9870,
-32.3750, 30.5770

■ 6.7770, -14.9490,
12.1150

■ 191.2080,
-23.1120, 22.3920

■ 3.2090, -7.6580,
6.6300

■ 215.7280,
-13.2530, 14.4190

■ 0.0000, 0.0000,
0.0000

■ 241.7210, -3.3480,

5.6120

■ 62.0090, -38.6090,
22.4070

■ 62.0090, -38.6090,
22.4070

■ 50.7790, -43.6530,
25.7150

■ 73.2390, -33.5650,
19.0990

■ 39.8370, -49.5680,
28.2880

■ 84.1810, -27.6500,
16.5260

■ 31.5640, -53.0530,
30.8750

■ 95.4110, -22.6060,
13.2180

■ 106.6410,
-17.5620, 9.9100

■ 117.2840,
-12.2430, 7.1250

■ 128.8130, -6.6030,
4.0290

■ 140.0430, -1.5590,
0.7210

■ 150.6860, 3.7600,
-2.0640

■ 162.2150, 9.4000,
-5.1600

Harmonies

Analogous

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



60.6520, -68.8210, 8.2590



62.0090, -38.6090, 22.4070



64.1860, 18.6530, 41.9250

Triad

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



62.0090, -38.6090, 22.4070



59.9360, 58.7780, 3.0500



55.3330, -41.4430, -25.3710

Complementary

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



62.0090, -38.6090, 22.4070



119.9910, 38.6090, -22.4070

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.



48.1000, -25.2100, -38.7300



62.0090, -38.6090, 22.4070



62.7060, 35.3980, -13.7700

Square

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



62.0090, -38.6090, 22.4070



49.5240, 67.0710, 34.4870



57.7900, 8.2580, -28.5260



60.2350, -55.2460, -11.9980

Rectangle

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



62.0090, -38.6090, 22.4070



51.3530, 46.3440, 52.2000



57.7900, 8.2580, -28.5260



53.0360, -36.3530, -29.5130

Sweetspot

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



62.0090, -38.6090, 22.4070



154.3700, -15.3610, 8.5670



109.7380, -55.8850, -27.9570



75.0840, -8.8040, 5.3720



222.0000, -0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



62.0090, -38.6090, 22.4070



60.0780, -60.2520, 34.6920



60.7230, -13.7160, 39.3400



65.9720, -2.7970, 1.1310



30.0650, -50.2100, 28.9100



1.4990, -2.8430, 1.9650

Inverse Universe

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



72.2620, 55.8850, 27.9570



75.8580, 86.9220, 43.6740



121.2770, 13.7160, -39.3400



66.3210, 3.5300, 2.1060



43.2150, 72.4350, 36.3950



2.5060, 4.4470, 2.0070

Previews

White Background



This preview shows how the YIQ color 62.0090, -38.6090, 22.4070 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 62.0090, -38.6090, 22.4070 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

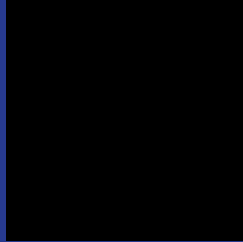
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 62.0090, -38.6090, 22.4070

Background



This preview shows how black text looks on a background with the YIQ color 62.0090, -38.6090, 22.4070.



This preview shows how white text looks on a background with the YIQ color 62.0090, -38.6090,

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

62.0090, -38.6090, 22.4070

Protanopia

52.9580, -60.9350, 8.5130

Deuteranopia

53.1400, -55.9360, 0.5120



Tritanopia

51.7430, -45.1130, -13.9210

Trichromacy



Original Color

62.0090, -38.6090, 22.4070

Protanomaly

56.3120, -53.0040, 13.4600

Deuteranomaly

56.1180, -49.7020, 8.6820

Tritanomaly

55.7300, -43.0980, -0.8740

Monochromacy



Original Color

62.0090, -38.6090, 22.4070

Achromatopsia

62.0000, -0.0000, -0.0000

Achromatomaly

62.3270, -13.8020, 7.8460

CSS Examples

Text

The CSS property to change the color of the text to YIQ 62.0090, -38.6090, 22.4070 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(39, 58, 143)` looks like.

```
.text, #text, p{  
    color:rgb(39, 58, 143)  
}
```

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(39, 58, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(39, 58, 143) }
```

Border

The CSS property to change the border of an element to YIQ 62.0090, -38.6090, 22.4070 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(39, 58, 143) }
```


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

```
.border{ border-color:rgb(39, 58, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(39, 58, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(39, 58, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(39, 58, 143);  
box-shadow:4px 4px 4px 4px rgb(39, 58,  
143) }
```

Background

The CSS property to change the background color of an element to YIQ 62.0090, -38.6090, 22.4070 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(39, 58, 143) }
```

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

```
.background{ background-color: rgb(39, 58,  
143) }
```

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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