

Converting Colors

YIQ(62.5620, 20.3500, 38.7020)

Have a look what the booklet for
YIQ(62.5620, 20.3500, 38.7020)
contains.

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Color

**YIQ(62.5620, 20.3500,
38.7020)**

Conversions

Conversions Part 1

Format	Color
Hex	6A206A
RGB	106, 32, 106
RGB Percent	42%, 13%, 42%
CMY	0.5841, 0.8746, 0.5843
CMYK	0.00, 0.70, 0.00, 0.58
HSL	300°, 54%, 27%
HSV	300°, 70%, 42%
XYZ	9.0681, 5.1397, 14.1514
YIQ	62.5620, 20.3500, 38.7020

Conversions

Conversions Part 2

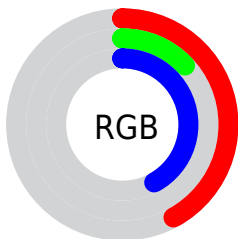
Format	Color
RYB	106, 32, 106
Decimal	6955114
CIELab	27.13, 42.57, -26.95
CIELCh	27, 50.381, 327.665
Yxy	5.1397, 0.3198, 0.1812
Android (android.graphics.Color)	4285145194 (0xFF6A206A)
YUV	62.5620, 21.4149, 38.0951
Hunter-Lab	22.6710, 31.7235, -21.1396

Details

The YIQ color **62.5620, 20.3500, 38.7020** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **75.4380, -20.3500, -38.7020**, and the grayscale version is **62.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **114.5730, 21.8170, 39.6490**, and **23.0570, 14.1620, 29.6980** is the 20% darker color. If you saturate the color by 10%, you get **56.1050, 23.3750, 44.4550**, and if you desaturate by 10%, it is **69.0190, 17.3250, 32.9490**.

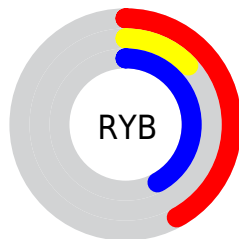
Distribution



Red (42%)

Green (13%)

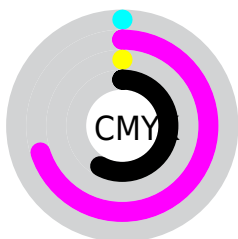
Blue (42%)



Red (42%)

Yellow (13%)

Blue (42%)

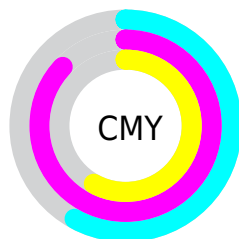


Cyan (0%)

Magenta (70%)

Yellow (0%)

Black (58%)



Cyan (58%)

Magenta (87%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 62.5620, 20.3500, 38.7020 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 62.5620, 20.3500, 38.7020 by changing the saturation by 10% instead.

62.5620, 20.3500,
38.7020

62.5620, 20.3500,
38.7020

255.0000, -0.0000,
-0.0000

33.2680, 21.3580,
42.4620

114.5730, 21.8170,
39.6490

23.0570, 14.1620,
29.6980

141.2850, 22.6880,
40.3840

14.2700, 8.7080,
18.4040

168.1110, 23.2380,
41.4300

1.3680, -3.8520,
3.7320

195.8230, 24.1090,
42.1650

0.0000, 0.0000,
0.0000

216.8450, 17.8750,
33.9950

233.2810, 10.1750,

19.3510

250.3040, 2.2000,
4.1840

62.5620, 20.3500,
38.7020

62.5620, 20.3500,
38.7020

56.1050, 23.3750,
44.4550

69.0190, 17.3250,
32.9490

50.2350, 26.1250,
49.6850

74.8890, 14.5750,
27.7190

43.7780, 29.1500,
55.4380

81.3460, 11.5500,
21.9660

87.2160, 8.8000,
16.7360

93.6730, 5.7750,
10.9830

■ 100.1300, 2.7500,
5.2300

■ 106.0000, -0.0000,
-0.0000

■ 112.4570, -3.0250,
-5.7530

■ 118.3270, -5.7750,
-10.9830

Harmonies

Analogous

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



62.6960, -27.4220, 23.4100



62.5620, 20.3500, 38.7020



49.6600, 52.4890, 45.4570

Triad

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



62.5620, 20.3500, 38.7020



60.9120, 31.8220, -15.0420



58.2460, -53.7790, -11.0510

Complementary

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



62.5620, 20.3500, 38.7020



75.4380, -20.3500, -38.7020

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.



53.8000, -41.2600, -23.1800



62.5620, 20.3500, 38.7020



55.7190, 7.0200, -28.1160

Square

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



62.5620, 20.3500, 38.7020



58.7180, 53.4600, 0.3080



47.8380, -27.2280, -35.1960



60.4920, -62.8590, -0.6750

Rectangle

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



62.5620, 20.3500, 38.7020



50.2290, 60.6520, 35.1800



47.8380, -27.2280, -35.1960



56.8780, -49.9270, -14.7830

Sweetspot

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



62.5620, 20.3500, 38.7020



120.9770, 7.9750, 15.1670



40.4360, -23.7540, 23.0140



59.0210, 4.6750, 8.8910



196.0000, -0.0000, -0.0000



69.0000, -0.0000, -0.0000

Same Dimension

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



62.5620, 20.3500, 38.7020



69.9080, 31.9000, 60.6680



58.3440, 32.2270, 27.1950



50.4780, 1.6500, 3.1380



48.3210, 32.1750, 61.1910



101.1850, 67.3750, 128.1350

Inverse Universe

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



62.5620, 20.3500, 38.7020



69.9080, 31.9000, 60.6680



79.6560, -32.2270, -27.1950



50.4780, 1.6500, 3.1380



48.3210, 32.1750, 61.1910



101.1850, 67.3750, 128.1350

Previews

White Background



This preview shows how the YIQ color 62.5620, 20.3500, 38.7020 looks on a white background.

Color Contrast Check

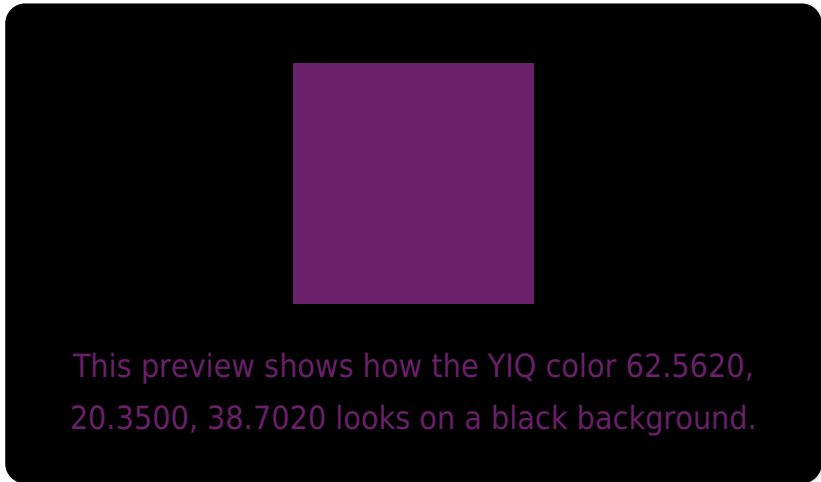
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

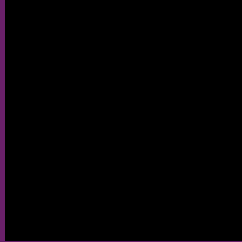
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 62.5620, 20.3500, 38.7020

Background



This preview shows how black text looks on a background with the YIQ color 62.5620, 20.3500, 38.7020.



This preview shows how white text looks on a background with the YIQ color 62.5620, 20.3500,

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

62.5620, 20.3500, 38.7020

Protanopia

52.2570, -60.3390, 8.7250

Deuteranopia

63.7220, -22.2840, 7.3800



Tritanopia

65.2920, 28.8370, 11.5330

Trichromacy



Original Color

62.5620, 20.3500, 38.7020

Protanomaly

56.3210, -30.8600, 19.6360

Deuteranomaly

63.1850, -7.1100, 18.7300

Tritanomaly

63.9470, 25.8550, 21.5270

Monochromacy



Original Color

62.5620, 20.3500, 38.7020

Achromatopsia

63.0000, 0.0000, 0.0000

Achromatomaly

63.1510, 7.4250, 14.1210

CSS Examples

Text

The CSS property to change the color of the text to YIQ 62.5620, 20.3500, 38.7020 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(106, 32, 106)` looks like.

```
.text, #text, p{  
    color:rgb(106, 32, 106)  
}
```

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(106, 32, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 32, 106) }
```

Border

The CSS property to change the border of an element to YIQ 62.5620, 20.3500, 38.7020 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(106, 32, 106) }
```


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

```
.border{ border-color:rgb(106, 32, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 32, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 32, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 32, 106);  
box-shadow:4px 4px 4px 4px rgb(106, 32,  
106) }
```

Background

The CSS property to change the background color of an element to YIQ 62.5620, 20.3500, 38.7020 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 32, 106) }
```

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

```
.background{ background-color: rgb(106, 32,  
106) }
```

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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