

Converting Colors

YIQ(62.4520, 5.6800, 29.2320)

Have a look what the booklet for
YIQ(62.4520, 5.6800, 29.2320)
contains.

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Color

**YIQ(62.4520, 5.6800,
29.2320)**

Conversions

Conversions Part 1

Format	Color
Hex	562A6A
RGB	86, 42, 106
RGB Percent	34%, 16%, 42%
CMY	0.6626, 0.8354, 0.5843
CMYK	0.19, 0.60, 0.00, 0.58
HSL	281°, 43%, 29%
HSV	281°, 60%, 42%
XYZ	7.2696, 4.6753, 14.1531
YIQ	62.4520, 5.6800, 29.2320

Conversions

Conversions Part 2

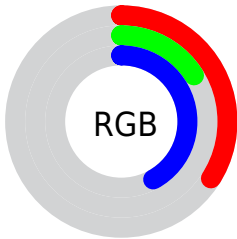
Format	Color
R_{YB}	86, 42, 106
Decimal	5646954
CIE _{Lab}	25.79, 32.12, -29.26
CIE _{LCh}	26, 43.448, 317.662
Yxy	4.6753, 0.2786, 0.1791
Android (android.graphics.Color)	4283837034 (0xFF562A6A)
YUV	62.4520, 21.4692, 20.6516
Hunter-Lab	21.6224, 22.1740, -23.6729

Details

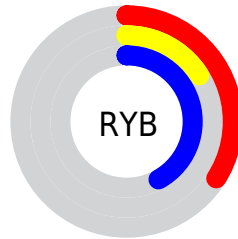
The YIQ color **62.4520, 5.6800, 29.2320** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **85.5480, -5.6800, -29.2320**, and the grayscale version is **62.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **112.1040, 6.7800, 31.3240**, and **17.9740, 4.0300, 26.0940** is the 20% darker color. If you saturate the color by 10%, you get **55.0980, 6.9170, 34.3490**, and if you desaturate by 10%, it is **69.8060, 4.4430, 24.1150**.

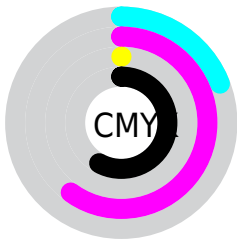
Distribution



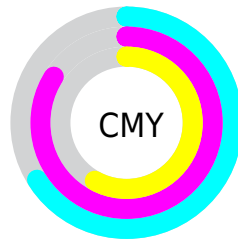
- Red (34%)
- Green (16%)
- Blue (42%)



- Red (34%)
- Yellow (16%)
- Blue (42%)



- Cyan (19%)
- Magenta (60%)
- Yellow (0%)
- Black (58%)



- Cyan (66%)
- Magenta (84%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 62.4520, 5.6800, 29.2320 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 62.4520, 5.6800, 29.2320 by changing the saturation by 10% instead.

62.4520, 5.6800,
29.2320

62.4520, 5.6800,
29.2320

255.0000, -0.0000,
-0.0000

38.7400, 4.8090,
28.4970

112.1040, 6.7800,
31.3240

17.9740, 4.0300,
26.0940

137.9300, 7.3300,
32.3700

6.7950, -6.1920,
13.1040

164.4570, 7.2840,
33.2040

1.3680, -3.8520,
3.7320

192.1690, 8.1550,
33.9390

0.0000, 0.0000,
0.0000

217.9860, 12.9240,
30.1080

236.2160, 8.8000,

16.7360

253.2390, 0.8250,
1.5690

62.4520, 5.6800,
29.2320

62.4520, 5.6800,
29.2320

55.0980, 6.9170,
34.3490

69.8060, 4.4430,
24.1150

48.0320, 7.2830,
38.7310

76.8720, 4.0770,
19.7330

40.6780, 8.5200,
43.8480

84.2260, 2.8400,
14.6160

33.9110, 9.4820,
48.4420

90.9930, 1.8780,
10.0220

98.6460, 1.2370,
5.1170

■ 106.0000, -0.0000,
-0.0000

■ 112.7670, -0.9620,
-4.5940

■ 120.1210, -2.1990,
-9.7110

■ 127.1870, -2.5650,
-14.0930

Harmonies

Analogous

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



54.2760, -44.1550, 12.7810



62.4520, 5.6800, 29.2320



56.8270, 35.4810, 34.3050

Triad

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



62.4520, 5.6800, 29.2320



58.2980, 36.7270, -10.3210



53.7320, -46.5800, -14.8680

Complementary

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



62.4520, 5.6800, 29.2320



85.5480, -5.6800, -29.2320

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.



49.2690, -35.3910, -24.9190



62.4520, 5.6800, 29.2320



55.4970, 16.6930, -21.6990

Square

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



62.4520, 5.6800, 29.2320



56.4390, 50.1120, 5.9200



46.0950, -17.6460, -32.6380



55.9780, -55.6600, -4.4920

Rectangle

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



62.4520, 5.6800, 29.2320



53.7650, 47.2190, 30.8270



46.0950, -17.6460, -32.6380



52.4780, -43.0490, -18.2890

Sweetspot

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



62.4520, 5.6800, 29.2320



120.9330, 2.1070, 11.3790



61.0360, -26.0440, 9.4440



58.7000, 1.1450, 6.7850



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.



62.4520, 5.6800, 29.2320



70.6180, 8.7490, 45.2050



67.0640, 21.4520, 29.7400



49.8800, 0.4580, 2.7140



37.5570, 10.7190, 53.5590



78.1620, 21.4830, 111.8110

Inverse Universe

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



63.4160, 31.7240, 19.7880



72.0210, 49.3740, 30.3180



80.9360, -21.4520, -29.7400



50.0220, 2.9340, 1.8940



39.2010, 57.8550, 36.3110



81.9190, 121.6240, 75.5760

Previews

White Background



This preview shows how the YIQ color 62.4520, 5.6800, 29.2320 looks on a white background.

Color Contrast Check

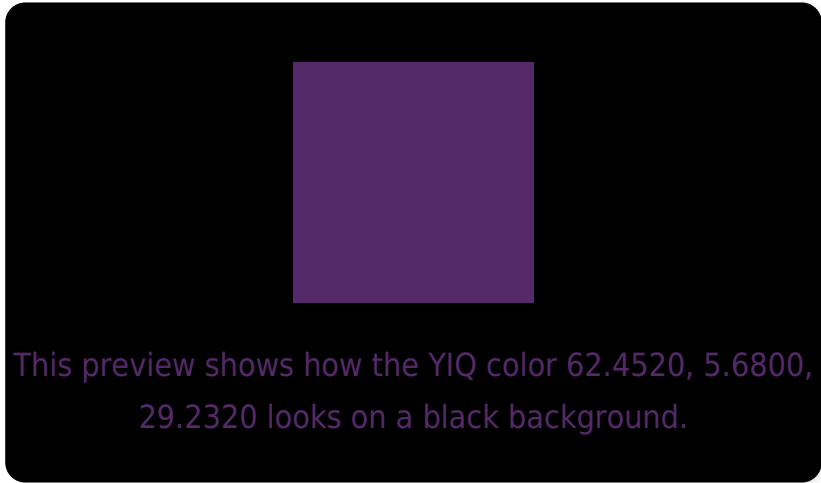
Large Text (above 18pt) WCAG AA ✓ Pass

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

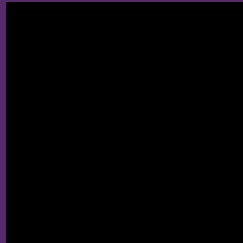
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 62.4520, 5.6800, 29.2320

Background



This preview shows how black text looks on a background with the YIQ color 62.4520, 5.6800, 29.2320.



This preview shows how white text looks on a background with the YIQ color 62.4520, 5.6800,

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

62.4520, 5.6800, 29.2320

Protanopia

54.7380, -45.5760, 11.0000

Deuteranopia

58.4870, -28.9320, 6.7160



Tritanopia

62.6320, 13.0200, 6.3320

Trichromacy



Original Color

62.4520, 5.6800, 29.2320

Protanomaly

57.3060, -26.5040, 17.7840

Deuteranomaly

60.1730, -16.0040, 14.7160

Tritanomaly

62.5320, 10.7260, 14.8700

Monochromacy



Original Color

62.4520, 5.6800, 29.2320

Achromatopsia

62.0000, -0.0000, -0.0000

Achromatomaly

62.4060, 2.1530, 10.5450

CSS Examples

Text

The CSS property to change the color of the text to YIQ 62.4520, 5.6800, 29.2320 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(86, 42, 106)` looks like.

```
.text, #text, p{  
    color:rgb(86, 42, 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(86, 42, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 42, 106) }
```

Border

The CSS property to change the border of an element to YIQ 62.4520, 5.6800, 29.2320 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(86, 42, 106) }
```


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

```
.border{ border-color:rgb(86, 42, 106) }
```

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

Here you see how a box with a 4 pixel rgb(86, 42, 106) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(86, 42, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(86, 42, 106);  
box-shadow:4px 4px 4px 4px rgb(86, 42,  
106) }
```

Background

The CSS property to change the background color of an element to YIQ 62.4520, 5.6800, 29.2320 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(86, 42, 106) }
```

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

```
.background{ background-color: rgb(86, 42,  
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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