

Converting Colors

XYZ(60.2102, 43.6203, 56.2851)

Have a look what the booklet for
XYZ(60.2102, 43.6203, 56.2851)
contains.

XYZ(60.2102, 43.6203, 56.2851)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(60.2102, 43.6203,
56.2851)**

Conversions

Conversions Part 1

Format	Color
Hex	FF8BC2
RGB	255, 139, 194
RGB Percent	100%, 55%, 76%
CMY	0.0000, 0.4549, 0.2392
CMYK	0.00, 0.45, 0.24, 0.00
HSL	332°, 100%, 77%
HSV	332°, 45%, 100%
XYZ	60.2102, 43.6203, 56.2851
YIQ	179.9540, 51.4810, 41.6970

Conversions

Conversions Part 2

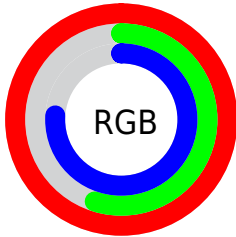
Format	Color
R _Y B	255, 139, 194
Decimal	16747458
CIE Lab	71.97, 50.22, -8.83
CIE LCh	72, 50.991, 350.025
Yxy	43.6203, 0.3760, 0.2724
Android (android.graphics.Color)	4294937538 (0xFFFF8BC2)
YUV	179.9540, 6.9247, 65.8153
Hunter-Lab	66.0457, 47.1487, -4.2959

Details

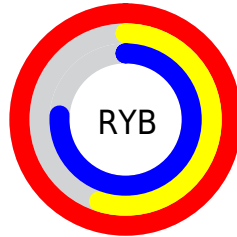
The XYZ color **60.2102, 43.6203, 56.2851** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **56.8347, 81.1800, 67.3211**, and the grayscale version is **43.3037, 45.5589, 49.6136**.

A 20% lighter version of the original color is **78.0104, 67.1923, 99.3003**, and **30.7471, 20.1262, 27.0751** is the 20% darker color. If you saturate the color by 10%, you get **55.5004, 36.5031, 47.6169**, and if you desaturate by 10%, it is **65.9192, 52.5179, 65.9579**.

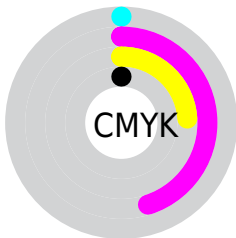
Distribution



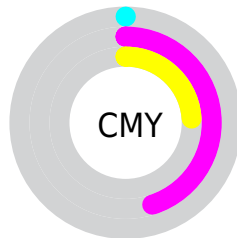
- Red (100%)
- Green (55%)
- Blue (76%)



- Red (100%)
- Yellow (55%)
- Blue (76%)



- Cyan (0%)
- Magenta (45%)
- Yellow (24%)
- Black (0%)





- Cyan (0%)
- Magenta (45%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.2102, 43.6203, 56.2851 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 XYZ color 60.2102, 43.6203, 56.2851 by changing the saturation by 10% instead.


 60.2102, 43.6203,
56.2851


 60.2102, 43.6203,
56.2851


415.1945,
361.1566, 428.1835


 43.8382, 30.3721,
40.0260

 104.2391, 80.6461,
100.9113

 30.7407, 20.1212,
27.2449

 132.6268,
105.1925, 130.1154

 20.5523, 12.4832,
17.5232


 165.7503,
134.2737, 164.4717

 12.9078, 7.0736,
10.4423

203.9752,
168.2742, 204.3986

 7.4416, 3.5082,
5.5838

247.6667,
207.5783, 250.3147

 3.7886, 1.4025,
2.5290

297.1901,

 1.5832, 0.2185,

252.5705, 302.6385

0.8555

352.9109,
303.6351, 361.7886

■ 0.3814, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 60.2102, 43.6203,
56.2851

■ 60.2102, 43.6203,
56.2851

■ 55.5004, 36.5031,
47.6169

■ 65.9192, 52.5179,
65.9579

■ 51.7221, 31.0373,
39.9116

■ 72.6823, 63.3009,
76.6692

■ 48.8040, 27.0861,
33.1277

■ 80.5543, 76.0733,
88.4541

■ 46.6620, 24.4877,
27.2178

■ 89.5850, 90.9298,
101.3450

■ 45.1931, 23.0422,
22.1274

95.0500, 100.0000,
108.9000

■ 44.6850, 22.6380,
20.0711

Harmonies

Analogous

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



55.6429, 43.6203, 85.3939



60.2102, 43.6203, 56.2851



59.2430, 43.6203, 32.9085

Triad

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



60.2102, 43.6203, 56.2851



35.9923, 43.6203, 15.2089



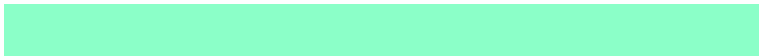
31.6160, 43.6203, 94.4705

Complementary

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



60.2102, 43.6203, 56.2851



56.8347, 81.1800, 67.3211

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.



27.6473, 43.6203, 65.8579



60.2102, 43.6203, 56.2851



29.9182, 43.6203, 22.8893

Square

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



60.2102, 43.6203, 56.2851



44.4250, 43.6203, 14.2149



27.0725, 43.6203, 39.6715



38.6295, 43.6203, 112.0148

Rectangle

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



60.2102, 43.6203, 56.2851



55.6316, 43.6203, 22.8698



27.0725, 43.6203, 39.6715



29.9256, 43.6203, 85.4407

Sweetspot

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



60.2113, 43.6224, 56.2859



81.8230, 78.1490, 90.3008



50.8200, 37.8207, 99.2294



17.1214, 16.0859, 18.7564



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



60.2113, 43.6224, 56.2859



55.7079, 36.8108, 48.0168



55.4168, 42.1564, 29.6450



18.3679, 18.1305, 20.5547



23.4231, 11.8585, 10.8784



2.3354, 1.1765, 1.3474

Inverse Universe

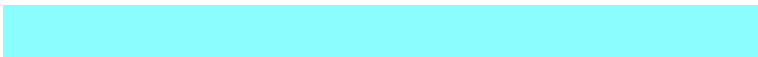
The Inverse Universe completely reimagines the original color for something new.



60.2113, 43.6224, 56.2859



55.7079, 36.8108, 48.0168



63.8450, 83.0023, 107.2638



18.3679, 18.1305, 20.5547



23.4231, 11.8585, 10.8784



2.3354, 1.1765, 1.3474

Previews

White Background



This preview shows how the XYZ color 60.2102, 43.6203, 56.2851 looks on a white background.

Color Contrast Check

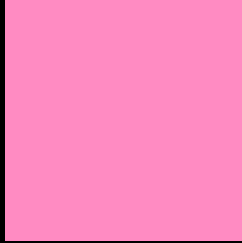
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 60.2102, 43.6203, 56.2851 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

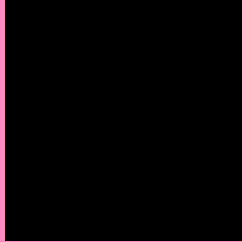
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.2102, 43.6203, 56.2851

Background



This preview shows how black text looks on a background with the XYZ color 60.2102, 43.6203, 56.2851.



This preview shows how white text looks on a background with the XYZ color 60.2102, 43.6203,

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

60.2102, 43.6203, 56.2851

Protanopia

43.9212, 43.9374, 72.4955

Deuteranopia

44.8159, 43.9547, 53.6990



Tritanopia

56.1483, 43.5013, 37.3355

Trichromacy



Original Color

60.2102, 43.6203, 56.2851



Protanomaly

47.9821, 42.5862, 66.0126



Deuteranomaly

49.3056, 43.0055, 54.4174



Tritanomaly

57.2230, 43.2426, 43.3609

Monochromacy



Original Color

60.2102, 43.6203, 56.2851



Achromatopsia

43.3819, 45.6411, 49.7032



Achromatomaly

47.9442, 43.6784, 51.8028

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.2102, 43.6203, 56.2851 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(255, 139, 194)` looks like.

```
.text, #text, p{  
    color:rgb(255, 139, 194)  
}
```

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(255, 139, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 139, 194) }
```

Border

The CSS property to change the border of an element to XYZ 60.2102, 43.6203, 56.2851 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(255, 139, 194) }
```


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

```
.border{ border-color:rgb(255, 139, 194) }
```

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

Here you see how a box with a 4 pixel rgb(255, 139, 194) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 139, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 139, 194);  
box-shadow:4px 4px 4px 4px rgb(255, 139,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 60.2102, 43.6203, 56.2851 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 139, 194) }
```

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

```
.background{ background-color: rgb(255,  
139, 194) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor