

Converting Colors

XYZ(60.7319, 44.2535, 57.7233)

Have a look what the booklet for
XYZ(60.7319, 44.2535, 57.7233)
contains.

XYZ(60.7287, 44.2953, 57.5736)	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(60.7287, 44.2953,
57.5736)**

Conversions

Conversions Part 1

Format	Color
Hex	FF8DC4
RGB	255, 141, 196
RGB Percent	100%, 55%, 77%
CMY	0.0000, 0.4470, 0.2314
CMYK	0.00, 0.45, 0.23, 0.00
HSL	331°, 100%, 78%
HSV	331°, 45%, 100%
XYZ	60.7287, 44.2953, 57.5736
YIQ	181.3560, 50.2890, 41.2730

Conversions

Conversions Part 2

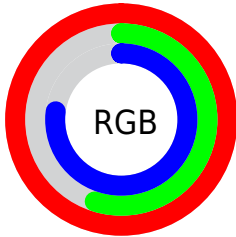
Format	Color
R _Y B	255, 141, 196
Decimal	16747972
CIE Lab	72.43, 49.50, -9.27
CIE LCh	72, 50.364, 349.394
Yxy	44.2953, 0.3735, 0.2724
Android (android.graphics.Color)	4294938052 (0xFFFF8DC4)
YUV	181.3560, 7.2195, 64.5858
Hunter-Lab	66.5547, 46.4039, -4.7009

Details

The XYZ color **60.7287, 44.2953, 57.5736** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **57.1717, 81.3537, 67.3369**, and the grayscale version is **44.0579, 46.3523, 50.4777**.

A 20% lighter version of the original color is **78.9359, 68.2844, 101.9483**, and **31.0556, 20.5051, 27.9123** is the 20% darker color. If you saturate the color by 10%, you get **55.9554, 37.0481, 48.8940**, and if you desaturate by 10%, it is **66.5018, 53.3304, 67.2395**.

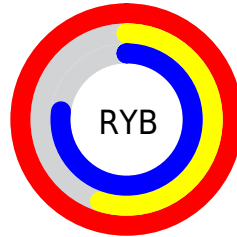
Distribution



Red (100%)

Green (55%)

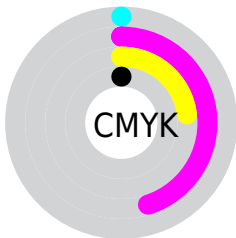
Blue (77%)



Red (100%)

Yellow (55%)

Blue (77%)

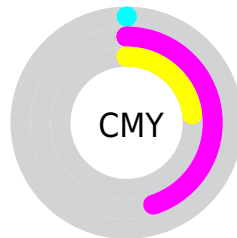


Cyan (0%)

Magenta (45%)

Yellow (23%)

Black (0%)



Cyan (0%)

Magenta (45%)


Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.7287, 44.2953, 57.5736 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 60.7287, 44.2953, 57.5736 by changing the saturation by 10% instead.


 60.7287, 44.2953,
57.5736

 60.7287, 44.2953,
57.5736


417.0704,
363.9120, 433.1490

 44.2580, 30.9027,
41.0535

 104.9864, 81.6619,
102.8103

 31.0721, 20.5248,
28.0409


 133.5040,
106.4047, 132.3640

 20.8059, 12.7771,
18.1172


166.7680,
135.6998, 167.0993

 13.0938, 7.2752,
10.8638

205.1436,
169.9314, 207.4348

 7.5706, 3.6348,
5.8623

248.9963,
209.4841, 253.7889

 3.8709, 1.4715,
2.6941

298.6915,

 1.6294, 0.2685,

254.7421, 306.5803

0.9405

354.5944,
306.0899, 366.2275

■ 0.4114, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 60.7287, 44.2953,
57.5736

■ 60.7287, 44.2953,
57.5736

■ 55.9554, 37.0481,
48.8940

■ 66.5018, 53.3304,
67.2395

■ 52.1151, 31.4608,
41.1603

■ 73.3292, 64.2575,
77.9245

■ 49.1374, 27.3983,
34.3320

■ 81.2652, 77.1800,
89.6626

■ 46.9395, 24.7010,
28.3634

■ 90.3592, 92.1919,
102.4855

■ 45.4205, 23.1730,
23.2018

95.0500, 100.0000,
108.9000

■ 44.8164, 22.6906,
20.7631

Harmonies

Analogous

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



56.0857, 44.2953, 86.5080



60.7287, 44.2953, 57.5736



59.8877, 44.2953, 34.0359

Triad

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



60.7287, 44.2953, 57.5736



36.7991, 44.2953, 15.7339



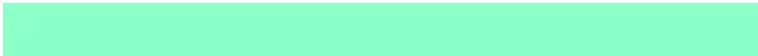
32.1462, 44.2953, 94.3799

Complementary

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



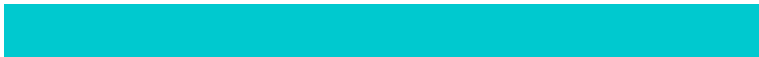
60.7287, 44.2953, 57.5736



57.1717, 81.3537, 67.3369

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.



28.2394, 44.2953, 65.9062



60.7287, 44.2953, 57.5736



30.6592, 44.2953, 23.3298

Square

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



60.7287, 44.2953, 57.5736



45.2486, 44.2953, 14.8527



27.7353, 44.2953, 39.9564



39.1035, 44.2953, 112.1172

Rectangle

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



60.7287, 44.2953, 57.5736



56.3611, 44.2953, 23.8107



27.7353, 44.2953, 39.9564



30.4758, 44.2953, 85.3688

Sweetspot

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



60.7298, 44.2973, 57.5745



82.7309, 79.5867, 91.7691



51.3695, 38.5378, 99.3388



17.3026, 16.3698, 19.0594



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.



60.7298, 44.2973, 57.5745



56.2598, 37.5020, 49.4730



55.8567, 42.8002, 30.5193



18.3744, 18.1331, 20.5889



23.4922, 11.8862, 11.2422



2.3422, 1.1793, 1.3836

Inverse Universe

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



60.7298, 44.2973, 57.5745



56.2598, 37.5020, 49.4730



64.1926, 83.1971, 107.2831



18.3744, 18.1331, 20.5889



23.4922, 11.8862, 11.2422



2.3422, 1.1793, 1.3836

Previews

White Background



This preview shows how the XYZ color 60.7287, 44.2953, 57.5736 looks on a white background.

Color Contrast Check

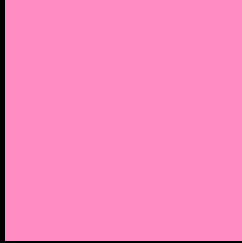
Large Text (above 18pt) WCAG AA × Fail

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 60.7287, 44.2953, 57.5736 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 60.7287, 44.2953, 57.5736

Background



This preview shows how black text looks on a background with the XYZ color 60.7287, 44.2953, 57.5736.



This preview shows how white text looks on a background with the XYZ color 60.7287, 44.2953,

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

60.7287, 44.2953, 57.5736

Protanopia

44.4600, 44.4900, 73.2620

Deuteranopia

45.5827, 44.5959, 55.4956



Tritanopia

56.6316, 44.1922, 38.3460

Trichromacy



Original Color

60.7287, 44.2953, 57.5736



Protanomaly

48.6745, 43.1769, 67.3966



Deuteranomaly

50.1021, 43.6361, 56.2340



Tritanomaly

57.7167, 43.9248, 44.4661

Monochromacy



Original Color

60.7287, 44.2953, 57.5736



Achromatopsia

43.9204, 46.2077, 50.3202



Achromatomaly

48.5116, 44.2275, 52.4343

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.7287, 44.2953, 57.5736 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, 141, 196)` looks like.

```
.text, #text, p{  
    color:rgb(255, 141, 196)  
}
```

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, 141, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 141, 196) }
```

Border

The CSS property to change the border of an element to XYZ 60.7287, 44.2953, 57.5736 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, 141, 196) }
```


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

```
.border{ border-color:rgb(255, 141, 196) }
```

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

Here you see how a box with a 4 pixel rgb(255, 141, 196) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 141, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 141, 196);  
box-shadow:4px 4px 4px 4px rgb(255, 141,  
196) }
```

Background

The CSS property to change the background color of an element to XYZ 60.7287, 44.2953, 57.5736 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 141, 196) }
```

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

```
.background{ background-color: rgb(255,  
141, 196) }
```

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