

Converting Colors

XYZ(70.1051, 47.7090, 57.7991)

Have a look what the booklet for
XYZ(70.1051, 47.7090, 57.7991)
contains.

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Color

**XYZ(59.7289, 42.2957,
57.2404)**

Conversions

Conversions Part 1

Format	Color
Hex	FF86C4
RGB	255, 134, 196
RGB Percent	100%, 53%, 77%
CMY	0.0000, 0.4745, 0.2314
CMYK	0.00, 0.47, 0.23, 0.00
HSL	329°, 100%, 76%
HSV	329°, 47%, 100%
XYZ	59.7289, 42.2957, 57.2404
YIQ	177.2470, 52.2140, 44.9340

Conversions

Conversions Part 2

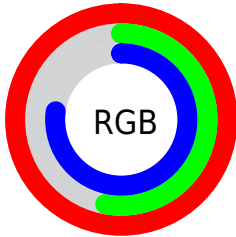
Format	Color
R_{YB}	255, 134, 196
Decimal	16746180
CIE _{Lab}	71.07, 52.95, -11.29
CIE _{LCh}	71, 54.140, 347.967
Yxy	42.2957, 0.3750, 0.2656
Android (android.graphics.Color)	4294936260 (0xFFFF86C4)
YUV	177.2470, 9.2452, 68.1894
Hunter-Lab	65.0351, 50.1246, -6.6592

Details

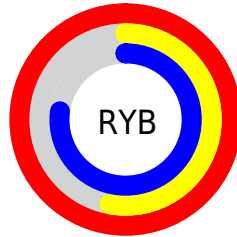
The XYZ color **59.7289, 42.2957, 57.2404** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **55.2189, 80.4394, 63.0716**, and the grayscale version is **41.8546, 44.0343, 47.9534**.

A 20% lighter version of the original color is **77.3831, 65.1788, 101.4307**, and **30.5161, 19.4261, 27.7324** is the 20% darker color. If you saturate the color by 10%, you get **55.2625, 35.5349, 49.0557**, and if you desaturate by 10%, it is **65.1643, 50.8065, 66.3278**.

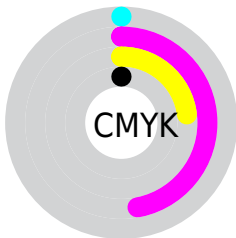
Distribution



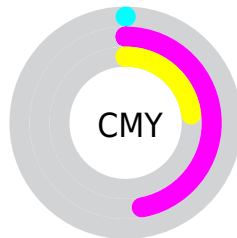
- Red (100%)
- Green (53%)
- Blue (77%)



- Red (100%)
- Yellow (53%)
- Blue (77%)



- Cyan (0%)
- Magenta (47%)
- Yellow (23%)
- Black (0%)





- Cyan (0%)
- Magenta (47%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.7289, 42.2957, 57.2404 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 59.7289, 42.2957, 57.2404 by changing the saturation by 10% instead.


 59.7289, 42.2957,
57.2404


 59.7289, 42.2957,
57.2404


413.4486,
355.7073, 431.8685


 43.4488, 29.3329,
40.7876

 103.5449, 78.6470,
102.3197

 30.4334, 19.3328,
27.8347


 131.8115,
102.8042, 131.7833

 20.3175, 11.9110,
17.9632


 164.8042,
131.4617, 166.4209

 12.7357, 6.6831,
10.7544

202.8886,
165.0039, 206.6511

 7.3225, 3.2647,
5.7898

246.4298,
203.8152, 252.8925

 3.7127, 1.2714,
2.6510

295.7933,

 1.5409, 0.1189,

248.2799, 305.5634

0.9186

351.3445,
298.7825, 365.0826

■ 0.3534, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 59.7289, 42.2957,
57.2404

■ 59.7289, 42.2957,
57.2404

■ 55.2625, 35.5349,
49.0557

■ 65.1643, 50.8065,
66.3278

■ 51.6971, 30.3929,
41.7358

■ 71.6242, 61.1743,
76.3484

■ 48.9601, 26.7293,
35.2423

■ 79.1634, 73.5045,
87.3342

■ 46.9655, 24.3769,
29.5315

■ 87.8319, 87.8926,
99.3142

■ 45.6018, 23.1177,
24.5504

95.0500, 100.0000,
108.9000

■ 45.3134, 22.8894,
23.3805

Harmonies

Analogous

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



54.5565, 42.2957, 88.1163



59.7289, 42.2957, 57.2404



59.1240, 42.2957, 32.3301

Triad

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



59.7289, 42.2957, 57.2404



35.0696, 42.2957, 13.0578



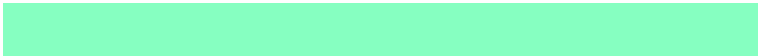
29.6413, 42.2957, 93.8575

Complementary

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



59.7289, 42.2957, 57.2404



55.2189, 80.4394, 63.0716

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.



25.8190, 42.2957, 63.1949



59.7289, 42.2957, 57.2404



28.6141, 42.2957, 20.0997

Square

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



59.7289, 42.2957, 57.2404



43.9378, 42.2957, 12.4901



25.4736, 42.2957, 36.4271



36.6819, 42.2957, 113.9893

Rectangle

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



59.7289, 42.2957, 57.2404



55.5349, 42.2957, 21.6985



25.4736, 42.2957, 36.4271



27.9862, 42.2957, 84.0081

Sweetspot

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



59.7300, 42.2977, 57.2412



82.0226, 78.2288, 91.3515



48.4378, 35.5422, 98.9151



17.1699, 16.1053, 19.0120



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.



59.7300, 42.2977, 57.2412



55.4430, 35.8024, 49.4039



54.2116, 40.0903, 28.1822



18.3979, 18.1425, 20.7124



23.7530, 11.9905, 12.6157



2.3680, 1.1896, 1.5191

Inverse Universe

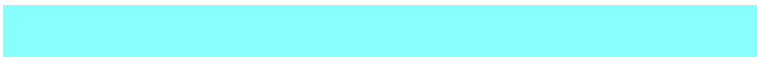
The Inverse Universe completely reimagines the original color for something new.



59.7300, 42.2977, 57.2412



55.4430, 35.8024, 49.4039



63.3196, 83.6797, 105.7292



18.3979, 18.1425, 20.7124



23.7530, 11.9905, 12.6157



2.3680, 1.1896, 1.5191

Previews

White Background



This preview shows how the XYZ color 59.7289, 42.2957, 57.2404 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 59.7289, 42.2957, 57.2404 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 59.7289, 42.2957, 57.2404

Background



This preview shows how black text looks on a background with the XYZ color 59.7289, 42.2957, 57.2404.



This preview shows how white text looks on a background with the XYZ color 59.7289, 42.2957,

57.2404.

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

59.7289, 42.2957, 57.2404

Protanopia

43.0287, 42.8424, 75.1088

Deuteranopia

43.4362, 42.6575, 54.6596



Tritanopia

55.3559, 42.4541, 35.4139

Trichromacy



Original Color

59.7289, 42.2957, 57.2404



Protanomaly

47.1733, 41.3361, 68.4432



Deuteranomaly

48.1497, 41.6214, 55.3651



Tritanomaly

56.6844, 42.3162, 42.7164

Monochromacy



Original Color

59.7289, 42.2957, 57.2404



Achromatopsia

41.7894, 43.9657, 47.8787



Achromatomaly

46.5734, 41.9296, 50.9859

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.7289, 42.2957, 57.2404 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, 134, 196)` looks like.

```
.text, #text, p{  
    color:rgb(255, 134, 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, 134, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 134, 196) }
```

Border

The CSS property to change the border of an element to XYZ 59.7289, 42.2957, 57.2404 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, 134, 196) }
```


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

```
.border{ border-color:rgb(255, 134, 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, 134, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 134, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 134, 196);  
box-shadow:4px 4px 4px 4px rgb(255, 134,  
196) }
```

Background

The CSS property to change the background color of an element to XYZ 59.7289, 42.2957, 57.2404 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 134, 196) }
```

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

```
.background{ background-color: rgb(255,  
134, 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](#).

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