

Converting Colors

XYZ(62.0869, 51.1280, 54.1360)

Have a look what the booklet for
XYZ(62.0869, 51.1280, 54.1360)
contains.

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Color

**XYZ(62.1377, 51.2273,
54.1898)**

Conversions

Conversions Part 1

Format	Color
Hex	FAA6BC
RGB	250, 166, 188
RGB Percent	98%, 65%, 74%
CMY	0.0196, 0.3490, 0.2627
CMYK	0.00, 0.34, 0.25, 0.02
HSL	344°, 89%, 82%
HSV	344°, 34%, 98%
XYZ	62.1377, 51.2273, 54.1898
YIQ	193.6240, 43.0020, 24.6500

Conversions

Conversions Part 2

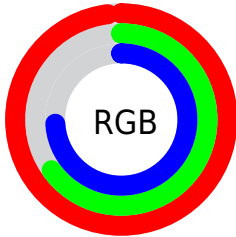
Format	Color
R_{YB}	250, 166, 188
Decimal	16426684
CIE _{Lab}	76.82, 33.88, 1.53
CIE _{LCh}	77, 33.916, 2.591
Yxy	51.2273, 0.3709, 0.3057
Android (android.graphics.Color)	4294616764 (0xFFFAA6BC)
YUV	193.6240, -2.7726, 49.4418
Hunter-Lab	71.5732, 29.7150, 5.2114

Details

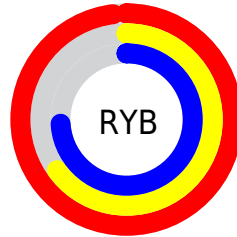
The XYZ color **62.1377, 51.2273, 54.1898** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **63.9174, 82.0810, 85.8774**, and the grayscale version is **51.0554, 53.7142, 58.4948**.

A 20% lighter version of the original color is **83.6904, 80.0342, 96.6251**, and **32.0165, 24.7660, 26.0145** is the 20% darker color. If you saturate the color by 10%, you get **56.1633, 42.2609, 43.0033**, and if you desaturate by 10%, it is **69.2526, 62.0668, 67.0126**.

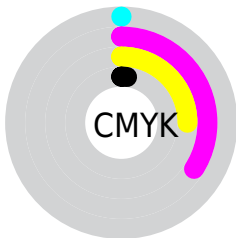
Distribution



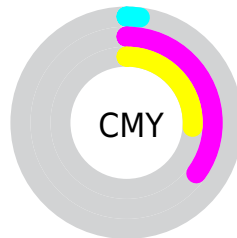
- Red (98%)
- Green (65%)
- Blue (74%)



- Red (98%)
- Yellow (65%)
- Blue (74%)



- Cyan (0%)
- Magenta (34%)
- Yellow (25%)
- Black (2%)





- Cyan (2%)
- Magenta (35%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.1377, 51.2273, 54.1898 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 62.1377, 51.2273, 54.1898 by changing the saturation by 10% instead.


 62.1377, 51.2273,
54.1898


 62.1377, 51.2273,
54.1898


422.1428,
391.4463, 420.0284

 45.4000, 36.3895,
38.3592


 107.0133, 91.9907,
97.8121

 31.9752, 24.7352,
25.9576


 135.8820,
118.6851, 126.4409

 21.4980, 15.8799,
16.5665


169.5250,
150.1005, 160.1728

 13.6031, 9.4392,
9.7672

208.3077,
186.6213, 199.4264

 7.9250, 5.0287,
5.1413

252.5955,
228.6318, 244.6202

 4.0984, 2.2641,
2.2702

302.7537,

 1.7579, 0.7546,

276.5166, 296.1728

0.7145

359.1476,
330.6599, 354.5027

■ 0.4921, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 62.1377, 51.2273,
54.1898

■ 62.1377, 51.2273,
54.1898

■ 56.1633, 42.2609,
43.0033

■ 69.2526, 62.0668,
67.0126

■ 51.2642, 35.0537,
33.3824

■ 77.5601, 74.8704,
81.5321

■ 47.3750, 29.4909,
25.2557

■ 87.1141, 89.7315,
97.8092

■ 44.4210, 25.4404,
18.5447

■ 93.2345, 99.0641,
108.8150

■ 42.3167, 22.7500,
13.1630

■ 40.9594, 21.2346,
9.0130

■ 40.3922, 20.7112,
6.9407

Harmonies

Analogous

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



60.5312, 51.2273, 73.7479



62.1377, 51.2273, 54.1898



59.8862, 51.2273, 38.7730

Triad

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



62.1377, 51.2273, 54.1898



42.3199, 51.2273, 30.9158



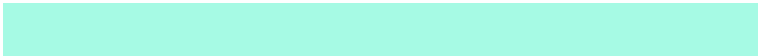
43.2092, 51.2273, 93.5561

Complementary

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



62.1377, 51.2273, 54.1898



63.9174, 82.0810, 85.8774

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.



38.9842, 51.2273, 77.1441



62.1377, 51.2273, 54.1898



38.5035, 51.2273, 40.9933

Square

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



62.1377, 51.2273, 54.1898



48.1323, 51.2273, 27.3212



37.3376, 51.2273, 57.3966



49.2520, 51.2273, 99.2362

Rectangle

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



62.1377, 51.2273, 54.1898



56.6068, 51.2273, 32.0839



37.3376, 51.2273, 57.3966



41.5481, 51.2273, 88.9564

Sweetspot

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



62.1391, 51.2297, 54.1908



84.5640, 83.6422, 91.1797



62.7616, 50.6059, 96.9029



17.8077, 17.4488, 19.0154



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.



62.1391, 51.2297, 54.1908



60.8399, 47.3259, 48.9534



63.7838, 58.0291, 43.9184



17.4312, 17.2998, 18.8603



21.4751, 11.0057, 3.9441



2.0305, 1.0359, 0.5842

Inverse Universe

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



62.1391, 51.2297, 54.1908



60.8399, 47.3259, 48.9534



61.3914, 71.8274, 101.0713



17.4312, 17.2998, 18.8603



21.4751, 11.0057, 3.9441



2.0305, 1.0359, 0.5842

Previews

White Background



This preview shows how the XYZ color 62.1377, 51.2273, 54.1898 looks on a white background.

Color Contrast Check

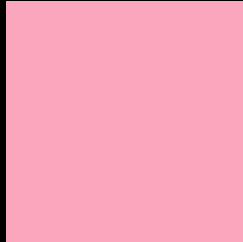
Large Text (above 18pt) WCAG AA × Fail

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 62.1377, 51.2273, 54.1898 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

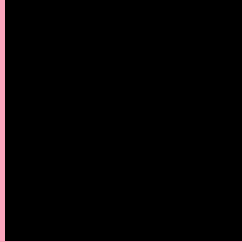
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 62.1377, 51.2273, 54.1898

Background



This preview shows how black text looks on a background with the XYZ color 62.1377, 51.2273, 54.1898.



This preview shows how white text looks on a background with the XYZ color 62.1377, 51.2273,

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

62.1377, 51.2273, 54.1898

Protanopia

49.9754, 51.5594, 62.5763

Deuteranopia

52.4758, 51.4854, 53.0708



Tritanopia

61.1239, 51.0725, 49.8164

Trichromacy



Original Color

62.1377, 51.2273, 54.1898



Protanomaly

53.6391, 51.0303, 59.2473



Deuteranomaly

55.6364, 50.9970, 53.3654



Tritanomaly

61.4329, 51.1961, 51.4437

Monochromacy



Original Color

62.1377, 51.2273, 54.1898



Achromatopsia

51.2775, 53.9479, 58.7493



Achromatomaly

54.3865, 52.3829, 57.1136

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.1377, 51.2273, 54.1898 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(250, 166, 188) looks like.

```
.text, #text, p{  
    color:rgb(250, 166, 188)  
}
```

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(250, 166, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 166, 188) }
```

Border

The CSS property to change the border of an element to XYZ 62.1377, 51.2273, 54.1898 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(250, 166, 188) }
```


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

```
.border{ border-color:rgb(250, 166, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 166, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 166, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 166, 188);  
box-shadow:4px 4px 4px 4px rgb(250, 166,  
188) }
```

Background

The CSS property to change the background color of an element to XYZ 62.1377, 51.2273, 54.1898 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 166, 188) }
```

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

```
.background{ background-color: rgb(250,  
166, 188) }
```

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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