

Converting Colors

XYZ(63.6184, 53.2266, 71.2795)

Have a look what the booklet for
XYZ(63.6184, 53.2266, 71.2795)
contains.

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Color

**XYZ(63.6362, 53.2886,
71.2217)**

Conversions

Conversions Part 1

Format	Color
Hex	F2ACD7
RGB	242, 172, 215
RGB Percent	95%, 67%, 84%
CMY	0.0510, 0.3255, 0.1569
CMYK	0.00, 0.29, 0.11, 0.05
HSL	323°, 73%, 81%
HSV	323°, 29%, 95%
XYZ	63.6362, 53.2886, 71.2217
YIQ	197.8320, 27.9170, 28.2130

Conversions

Conversions Part 2

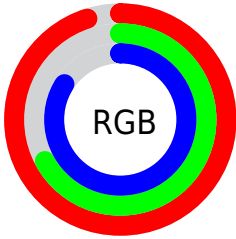
Format	Color
R _Y B	242, 172, 215
Decimal	15903959
CIE Lab	78.05, 32.05, -11.47
CIE LCh	78, 34.036, 340.314
Yxy	53.2886, 0.3382, 0.2832
Android (android.graphics.Color)	4294094039 (0xFFF2ACD7)
YUV	197.8320, 8.4638, 38.7353
Hunter-Lab	72.9990, 27.8573, -6.7471

Details

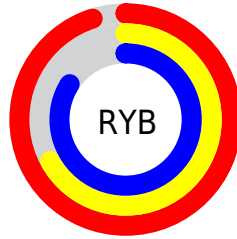
The XYZ color **63.6362, 53.2886, 71.2217** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **59.0764, 76.3999, 65.6693**, and the grayscale version is **53.5142, 56.3011, 61.3120**.

A 20% lighter version of the original color is **87.0334, 83.9668, 106.2278**, and **32.9496, 26.0460, 36.5485** is the 20% darker color. If you saturate the color by 10%, you get **58.2778, 44.4363, 63.6856**, and if you desaturate by 10%, it is **69.9048, 63.8503, 79.4001**.

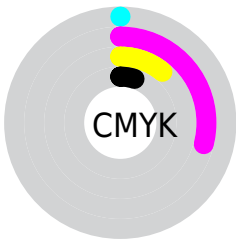
Distribution



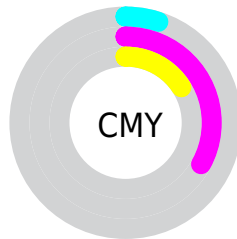
- Red (95%)
- Green (67%)
- Blue (84%)



- Red (95%)
- Yellow (67%)
- Blue (84%)



- Cyan (0%)
- Magenta (29%)
- Yellow (11%)
- Black (5%)





- Cyan (5%)
- Magenta (33%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 63.6362, 53.2886, 71.2217 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 63.6362, 53.2886, 71.2217 by changing the saturation by 10% instead.


 63.6362, 53.2886,
71.2217

 63.6362, 53.2886,
71.2217


427.4978,
399.3914, 483.7326

 46.6167, 38.0332,
52.0402


 109.1635, 95.0289,
122.6467

 32.9394, 26.0085,
36.6547


138.4020,
122.2826, 155.7274

 22.2390, 16.8300,
24.6465


172.4441,
154.3045, 194.2781

 14.1502, 10.1133,
15.5973

211.6554,
191.4791, 238.7175

 8.3076, 5.4742,
9.0884

256.4010,
234.1906, 289.4641

 4.3459, 2.5281,
4.7013

307.0463,

 1.8996, 0.8906,

282.8236, 346.9365

2.0174

363.9568,
337.7624, 411.5531

■ 0.5766, 0.0000,
0.5660

■ 0.0000, 0.0000,
0.0000

■ 63.6362, 53.2886,
71.2217

■ 63.6362, 53.2886,
71.2217

■ 58.2778, 44.4363,
63.6856

■ 69.9048, 63.8503,
79.4001

■ 53.7782, 37.1947,
56.7673

■ 77.1222, 76.1988,
88.2373

■ 50.0879, 31.4658,
50.4452

■ 85.3302, 90.4155,
97.7532

■ 47.1502, 27.1382,
44.6945

■ 90.0030, 97.4473,
106.4444

■ 44.9007, 24.0849,
39.4877

■ 90.4283, 97.6174,
108.6837

■ 43.2630, 22.1553,
34.7932

■ 42.1239, 21.1249,
30.5667

■ 42.0153, 21.0362,
30.1341

Harmonies

Analogous

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



59.3598, 53.2886, 90.5802



63.6362, 53.2886, 71.2217



64.2665, 53.2886, 51.7234

Triad

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



63.6362, 53.2886, 71.2217



48.3992, 53.2886, 28.9873



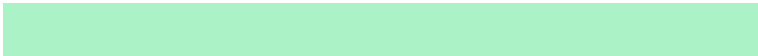
41.5306, 53.2886, 85.0169

Complementary

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



63.6362, 53.2886, 71.2217



59.0764, 76.3999, 65.6693

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.



39.1057, 53.2886, 64.8128



63.6362, 53.2886, 71.2217



42.8354, 53.2886, 34.3829

Square

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



63.6362, 53.2886, 71.2217



55.0697, 53.2886, 29.9712



39.5615, 53.2886, 46.5635



46.4718, 53.2886, 99.6718

Rectangle

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



63.6362, 53.2886, 71.2217



62.4805, 53.2886, 41.4652



39.5615, 53.2886, 46.5635



40.4146, 53.2886, 78.4870

Sweetspot

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



63.6378, 53.2910, 71.2228



86.7679, 85.6642, 99.2690



54.2908, 48.0380, 90.4160



18.3038, 17.8744, 20.9270



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.



63.6378, 53.2910, 71.2228



67.8251, 53.6393, 74.8872



59.6276, 51.6870, 50.1057



16.1809, 15.9221, 18.5086



22.6396, 11.3283, 16.5507



1.9319, 0.9618, 1.6322

Inverse Universe

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



63.6378, 53.2910, 71.2228



67.8251, 53.6393, 74.8872



63.5945, 78.2072, 89.4613



16.1809, 15.9221, 18.5086



22.6396, 11.3283, 16.5507



1.9319, 0.9618, 1.6322

Previews

White Background



This preview shows how the XYZ color 63.6362, 53.2886, 71.2217 looks on a white background.

Color Contrast Check

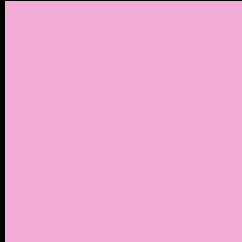
Large Text (above 18pt) WCAG AA × Fail

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 63.6362, 53.2886, 71.2217 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

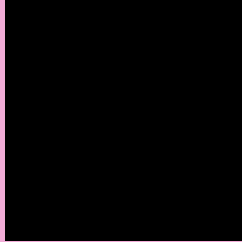
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 63.6362, 53.2886, 71.2217

Background



This preview shows how black text looks on a background with the XYZ color 63.6362, 53.2886, 71.2217.



This preview shows how white text looks on a background with the XYZ color 63.6362, 53.2886,

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

63.6362, 53.2886, 71.2217

Protanopia

53.1029, 53.7398, 80.9728

Deuteranopia

54.4955, 53.4164, 69.7255



Tritanopia

60.4162, 53.1191, 55.7839

Trichromacy



Original Color

63.6362, 53.2886, 71.2217



Protanomaly

56.1218, 53.1474, 77.1126



Deuteranomaly

57.3535, 53.0117, 70.1602



Tritanomaly

61.5740, 53.3087, 61.0771

Monochromacy



Original Color

63.6362, 53.2886, 71.2217



Achromatopsia

53.6758, 56.4712, 61.4971



Achromatomaly

56.8282, 55.0510, 64.7575

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.6362, 53.2886, 71.2217 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(242, 172, 215)` looks like.

```
.text, #text, p{  
    color:rgb(242, 172, 215)  
}
```

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(242, 172, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 172, 215) }
```

Border

The CSS property to change the border of an element to XYZ 63.6362, 53.2886, 71.2217 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(242, 172, 215) }
```


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

```
.border{ border-color:rgb(242, 172, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 172, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 172, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 172, 215);  
box-shadow:4px 4px 4px 4px rgb(242, 172,  
215) }
```

Background

The CSS property to change the background color of an element to XYZ 63.6362, 53.2886, 71.2217 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 172, 215) }
```

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

```
.background{ background-color: rgb(242,  
172, 215) }
```

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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