

Converting Colors

XYZ(61.8452, 51.8671, 63.5467)

Have a look what the booklet for
XYZ(61.8452, 51.8671, 63.5467)
contains.

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Color

**XYZ(61.7722, 51.9385,
63.2693)**

Conversions

Conversions Part 1

Format	Color
Hex	F2AACB
RGB	242, 170, 203
RGB Percent	95%, 67%, 80%
CMY	0.0510, 0.3333, 0.2039
CMYK	0.00, 0.30, 0.16, 0.05
HSL	333°, 73%, 81%
HSV	333°, 30%, 95%
XYZ	61.7722, 51.9385, 63.2693
YIQ	195.2900, 32.3190, 25.5270

Conversions

Conversions Part 2

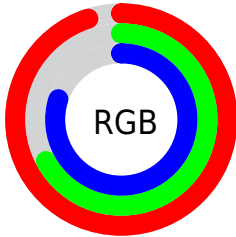
Format	Color
R _Y B	242, 170, 203
Decimal	15903435
CIE Lab	77.24, 31.19, -6.13
CIE LCh	77, 31.782, 348.882
Yxy	51.9385, 0.3490, 0.2935
Android (android.graphics.Color)	4294093515 (0xFF F2ACB)
YUV	195.2900, 3.8010, 40.9647
Hunter-Lab	72.0684, 26.8786, -1.6032

Details

The XYZ color **61.7722, 51.9385, 63.2693** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **59.8405, 76.6552, 71.9673**, and the grayscale version is **52.0105, 54.7191, 59.5891**.

A 20% lighter version of the original color is **86.4864, 82.8727, 106.0455**, and **31.7937, 25.2068, 31.6235** is the 20% darker color. If you saturate the color by 10%, you get **56.1497, 43.0883, 54.0107**, and if you desaturate by 10%, it is **68.3648, 62.5163, 73.5042**.

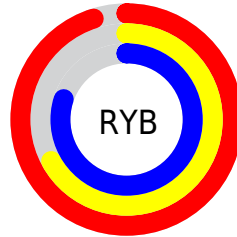
Distribution



Red (95%)

Green (67%)

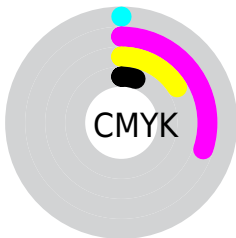
Blue (80%)



Red (95%)

Yellow (67%)

Blue (80%)

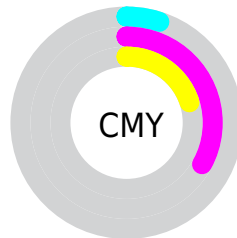


Cyan (0%)

Magenta (30%)

Yellow (16%)

Black (5%)



Cyan (5%)


Magenta (33%)


Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 61.7722, 51.9385, 63.2693 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 61.7722, 51.9385, 63.2693 by changing the saturation by 10% instead.


 61.7722, 51.9385,
63.2693

 61.7722, 51.9385,
63.2693


420.8305,
394.1991, 454.6810

 45.1036, 36.9561,
45.6167

 106.4880, 93.0405,
111.1473

 31.7406, 25.1735,
31.5970


135.2659,
119.9289, 142.2097

 21.3181, 16.2063,
20.7916


168.8109,
151.5547, 178.5792

 13.4705, 9.6703,
12.7820

207.4885,
188.3024, 220.6742

 7.8325, 5.1809,
7.1496

251.6638,
230.5562, 268.9134

 4.0389, 2.3538,
3.4760

301.7024,

 1.7242, 0.8020,

278.7007, 323.7152

1.3425

357.9695,
333.1202, 385.4982

■ 0.4713, 0.0000,
0.0963

■ 0.0000, 0.0000,
0.0000

■ 61.7722, 51.9385,
63.2693

■ 61.7722, 51.9385,
63.2693

■ 56.1497, 43.0883,
54.0107

■ 68.3648, 62.5163,
73.5042

■ 51.4436, 35.8655,
45.6929

■ 75.9686, 74.9005,
84.7428

■ 47.6019, 30.1705,
38.2821

■ 84.6275, 89.1736,
97.0154

■ 44.5649, 25.8898,
31.7414

■ 90.4283, 97.6174,
108.6837

■ 42.2649, 22.8937,
26.0297

■ 40.6217, 21.0284,
21.1015

■ 39.5071, 20.0435,
16.8939

■ 39.4825, 20.0231,
16.7965

Harmonies

Analogous

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



58.7248, 51.9385, 81.6002



61.7722, 51.9385, 63.2693



61.2968, 51.9385, 46.3774

Triad

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



61.7722, 51.9385, 63.2693



45.6721, 51.9385, 30.3831



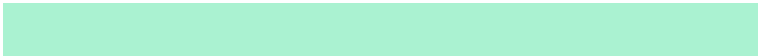
42.0581, 51.9385, 85.7701

Complementary

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



61.7722, 51.9385, 63.2693



59.8405, 76.6552, 71.9673

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.



39.0934, 51.9385, 68.1159



61.7722, 51.9385, 63.2693



41.0584, 51.9385, 37.2391

Square

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



61.7722, 51.9385, 63.2693



51.6588, 51.9385, 29.6128



38.7431, 51.9385, 50.3282



47.1420, 51.9385, 96.2599

Rectangle

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



61.7722, 51.9385, 63.2693



59.0552, 51.9385, 38.0029



38.7431, 51.9385, 50.3282



40.7992, 51.9385, 80.3269

Sweetspot

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



61.7737, 51.9409, 63.2704



86.2232, 85.4464, 96.4007



56.5289, 48.6309, 90.4124



18.1696, 17.8207, 20.2204



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.



61.7737, 51.9409, 63.2704



65.4250, 51.9464, 64.5082



58.7044, 51.4396, 44.8679



16.0741, 15.8793, 17.9464



21.2773, 10.7834, 9.3770



1.8197, 0.9169, 1.0415

Inverse Universe

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



61.7737, 51.9409, 63.2704



65.4250, 51.9464, 64.5082



63.6487, 77.0431, 95.5213



16.0741, 15.8793, 17.9464



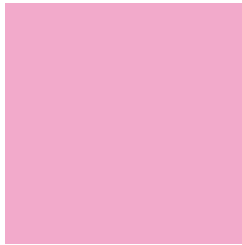
21.2773, 10.7834, 9.3770



1.8197, 0.9169, 1.0415

Previews

White Background



This preview shows how the XYZ color 61.7722, 51.9385, 63.2693 looks on a white background.

Color Contrast Check

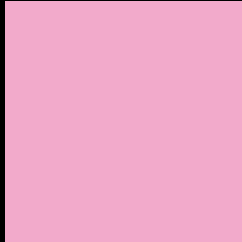
Large Text (above 18pt) WCAG AA × Fail

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 61.7722, 51.9385, 63.2693 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

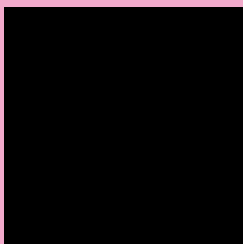
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.7722, 51.9385, 63.2693

Background



This preview shows how black text looks on a background with the XYZ color 61.7722, 51.9385, 63.2693.



This preview shows how white text looks on a background with the XYZ color 61.7722, 51.9385,

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

61.7722, 51.9385, 63.2693

Protanopia

51.1727, 52.2980, 71.6874

Deuteranopia

53.2279, 51.9899, 61.8732



Tritanopia

59.7417, 51.9576, 53.3345

Trichromacy



Original Color

61.7722, 51.9385, 63.2693



Protanomaly

54.4235, 51.8355, 68.7648



Deuteranomaly

56.0773, 51.9196, 62.3242



Tritanomaly

60.5426, 52.0116, 56.7175

Monochromacy



Original Color

61.7722, 51.9385, 63.2693



Achromatopsia

51.8711, 54.5724, 59.4294



Achromatomaly

54.9033, 53.1921, 60.7995

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.7722, 51.9385, 63.2693 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, 170, 203)` looks like.

```
.text, #text, p{  
    color:rgb(242, 170, 203)  
}
```

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, 170, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 170, 203) }
```

Border

The CSS property to change the border of an element to XYZ 61.7722, 51.9385, 63.2693 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, 170, 203) }
```


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

```
.border{ border-color:rgb(242, 170, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 170, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 170, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 170, 203);  
box-shadow:4px 4px 4px 4px rgb(242, 170,  
203) }
```

Background

The CSS property to change the background color of an element to XYZ 61.7722, 51.9385, 63.2693 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 170, 203) }
```

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

```
.background{ background-color: rgb(242,  
170, 203) }
```

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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