

Converting Colors

XYZ(62.6816, 52.1855, 73.3785)

Have a look what the booklet for
XYZ(62.6816, 52.1855, 73.3785)
contains.

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Color

**XYZ(62.6262, 52.1621,
73.0972)**

Conversions

Conversions Part 1

Format	Color
Hex	EFAADA
RGB	239, 170, 218
RGB Percent	94%, 67%, 85%
CMY	0.0627, 0.3333, 0.1451
CMYK	0.00, 0.29, 0.09, 0.06
HSL	318°, 68%, 80%
HSV	318°, 29%, 94%
XYZ	62.6262, 52.1621, 73.0972
YIQ	196.1030, 25.7160, 29.5560

Conversions

Conversions Part 2

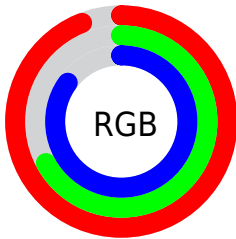
Format	Color
R _Y B	239, 170, 218
Decimal	15706842
CIE _{Lab}	77.38, 32.60, -14.13
CIE _{LCh}	77, 35.526, 336.569
Yxy	52.1621, 0.3333, 0.2776
Android (android.graphics.Color)	4293896922 (0xFFEFAADA)
YUV	196.1030, 10.7952, 37.6207
Hunter-Lab	72.2233, 28.3898, -9.4510

Details

The XYZ color **62.6262, 52.1621, 73.0972** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **56.8502, 74.0421, 60.5887**, and the grayscale version is **52.4589, 55.1909, 60.1028**.

A 20% lighter version of the original color is **86.4864, 82.8727, 106.0455**, and **32.2636, 25.3120, 37.8356** is the 20% darker color. If you saturate the color by 10%, you get **57.6157, 43.6306, 66.8334**, and if you desaturate by 10%, it is **68.4960, 62.3438, 79.8548**.

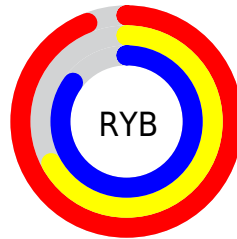
Distribution



Red (94%)

Green (67%)

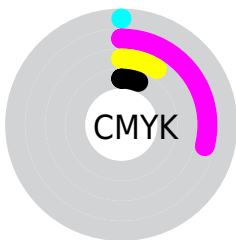
Blue (85%)



Red (94%)

Yellow (67%)

Blue (85%)

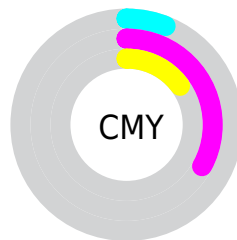


Cyan (0%)

Magenta (29%)

Yellow (9%)

Black (6%)



Cyan (6%)

Magenta (33%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.6262, 52.1621, 73.0972 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 62.6262, 52.1621, 73.0972 by changing the saturation by 10% instead.

62.6262, 52.1621,
73.0972

62.6262, 52.1621,
73.0972

423.8929,
395.0621, 490.4314

45.7964, 37.1343,
53.5631

107.7149, 93.3703,
125.3374

32.2891, 25.3115,
37.8617

136.7045,
120.3194, 158.8806

21.7390, 16.3093,
25.5744

170.4781,
152.0111, 197.9306

13.7808, 9.7433,
16.2826

209.4009,
188.8298, 242.9059

8.0491, 5.2291,
9.5678

253.8385,
231.1598, 294.2251

4.1784, 2.3823,
5.0115

304.1561,

1.8036, 0.8168,

279.3856, 352.3068

2.1952

360.7191,
333.8916, 417.5694

■ 0.5198, 0.0000,
0.6716

■ 0.0000, 0.0000,
0.0000

■ 62.6262, 52.1621,
73.0972

■ 62.6262, 52.1621,
73.0972

■ 57.6157, 43.6306,
66.8334

■ 68.4960, 62.3438,
79.8548

■ 53.4152, 36.6538,
61.0425

■ 75.2618, 74.2505,
87.1192

■ 49.9773, 31.1371,
55.7067

■ 82.9637, 87.9610,
94.9068

■ 47.2477, 26.9727,
50.8051

■ 88.1607, 96.5924,
102.0733

■ 45.1645, 24.0376,
46.3145

■ 89.3062, 97.0506,
108.1053

■ 43.6545, 22.1866,
42.2074

■ 89.4070, 97.0909,
108.6359

■ 42.6088, 21.2026,
38.4448

■ 42.5035, 21.1135,
38.0352

Harmonies

Analogous

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



57.8187, 52.1621, 92.6609



62.6262, 52.1621, 73.0972



63.7978, 52.1621, 52.6023

Triad

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



62.6262, 52.1621, 73.0972



48.0918, 52.1621, 27.0336



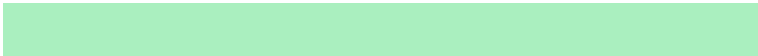
39.7643, 52.1621, 82.2705

Complementary

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



62.6262, 52.1621, 73.0972



56.8502, 74.0421, 60.5887

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.



37.6465, 52.1621, 61.2061



62.6262, 52.1621, 73.0972



42.1609, 52.1621, 31.6340

Square

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



62.6262, 52.1621, 73.0972



54.9844, 52.1621, 28.8109



38.4820, 52.1621, 43.1180



44.5391, 52.1621, 98.7502

Rectangle

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



62.6262, 52.1621, 73.0972



62.2719, 52.1621, 41.5841



38.4820, 52.1621, 43.1180



38.7391, 52.1621, 75.3268

Sweetspot

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



62.6278, 52.1644, 73.0983



87.0563, 85.7796, 100.7877



51.3674, 46.0216, 87.8379



18.3750, 17.9029, 21.3020



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.



62.6278, 52.1644, 73.0983



68.8115, 54.0339, 80.0817



58.6040, 50.5549, 51.9094



16.2374, 15.9447, 18.8065



23.5492, 11.6921, 21.3405



2.0031, 0.9903, 2.0072

Inverse Universe

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



62.6278, 52.1644, 73.0983



68.8115, 54.0339, 80.0817



61.0638, 75.7276, 82.7772



16.2374, 15.9447, 18.8065



23.5492, 11.6921, 21.3405



2.0031, 0.9903, 2.0072

Previews

White Background



This preview shows how the XYZ color 62.6262, 52.1621, 73.0972 looks on a white background.

Color Contrast Check

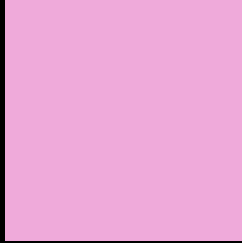
Large Text (above 18pt) WCAG AA × Fail

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 62.6262, 52.1621, 73.0972 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

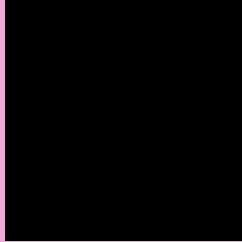
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 62.6262, 52.1621, 73.0972

Background



This preview shows how black text looks on a background with the XYZ color 62.6262, 52.1621, 73.0972.



This preview shows how white text looks on a background with the XYZ color 62.6262, 52.1621,

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

62.6262, 52.1621, 73.0972

Protanopia

52.3657, 52.6637, 83.0064

Deuteranopia

53.3778, 52.1662, 71.5458



Tritanopia

58.7762, 51.9962, 55.0825

Trichromacy



Original Color

62.6262, 52.1621, 73.0972



Protanomaly

55.2896, 52.0545, 79.0849



Deuteranomaly

56.4475, 51.8965, 72.0077



Tritanomaly

59.9610, 51.8901, 61.4991

Monochromacy



Original Color

62.6262, 52.1621, 73.0972



Achromatopsia

52.4687, 55.2011, 60.1140



Achromatomaly

55.8208, 53.8973, 64.5879

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.6262, 52.1621, 73.0972 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(239, 170, 218)` looks like.

```
.text, #text, p{  
    color:rgb(239, 170, 218)  
}
```

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(239, 170, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 170, 218) }
```

Border

The CSS property to change the border of an element to XYZ 62.6262, 52.1621, 73.0972 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(239, 170, 218) }
```


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

```
.border{ border-color:rgb(239, 170, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 170, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 170, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 170, 218);  
box-shadow:4px 4px 4px 4px rgb(239, 170,  
218) }
```

Background

The CSS property to change the background color of an element to XYZ 62.6262, 52.1621, 73.0972 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 170, 218) }
```

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

```
.background{ background-color: rgb(239,  
170, 218) }
```

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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