

Converting Colors

XYZ(59.6848, 52.6808, 64.3488)

Have a look what the booklet for
XYZ(59.6848, 52.6808, 64.3488)
contains.

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Color

**XYZ(59.7031, 52.5661,
64.1263)**

Conversions

Conversions Part 1

Format	Color
Hex	E8B0CC
RGB	232, 176, 204
RGB Percent	91%, 69%, 80%
CMY	0.0902, 0.3098, 0.2000
CMYK	0.00, 0.24, 0.12, 0.09
HSL	330°, 55%, 80%
HSV	330°, 24%, 91%
XYZ	59.7031, 52.5661, 64.1263
YIQ	195.9360, 24.3880, 20.5800

Conversions

Conversions Part 2

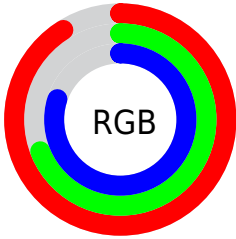
Format	Color
R _Y B	232, 176, 204
Decimal	15249612
CIE Lab	77.62, 24.68, -6.23
CIE LCh	78, 25.458, 345.826
Yxy	52.5661, 0.3385, 0.2980
Android (android.graphics.Color)	4293439692 (0xFFE8B0CC)
YUV	195.9360, 3.9756, 31.6281
Hunter-Lab	72.5025, 20.1088, -1.6885

Details

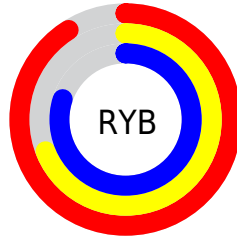
The XYZ color **59.7031, 52.5661, 64.1263** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **57.6623, 71.3043, 67.8540**, and the grayscale version is **52.3989, 55.1278, 60.0341**.

A 20% lighter version of the original color is **88.1466, 86.1932, 106.5989**, and **30.4925, 25.5980, 32.1879** is the 20% darker color. If you saturate the color by 10%, you get **54.1972, 43.6983, 55.6801**, and if you desaturate by 10%, it is **66.0930, 63.0348, 73.3798**.

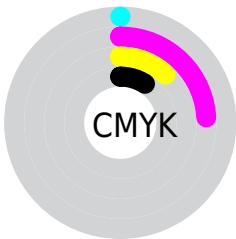
Distribution



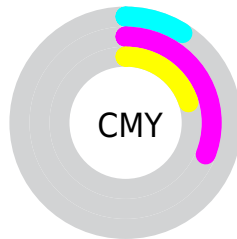
- Red (91%)
- Green (69%)
- Blue (80%)



- Red (91%)
- Yellow (69%)
- Blue (80%)



- Cyan (0%)
- Magenta (24%)
- Yellow (12%)
- Black (9%)





- Cyan (9%)
- Magenta (31%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.7031, 52.5661, 64.1263 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 59.7031, 52.5661, 64.1263 by changing the saturation by 10% instead.


 59.7031, 52.5661,
64.1263

 59.7031, 52.5661,
64.1263


413.3548,
396.6182, 457.8656

 43.4279, 37.4565,
46.3061

 103.5077, 93.9656,
112.3940

 30.4170, 25.5611,
32.1371


131.7677,
121.0243, 143.6787

 20.3049, 16.4956,
21.2005


164.7535,
152.8347, 180.2886

 12.7265, 9.8755,
13.0780

202.8303,
189.7814, 222.6422

 7.3162, 5.3165,
7.3509

246.3634,
232.2487, 271.1582

 3.7087, 2.4341,
3.6008

295.7184,

 1.5387, 0.8434,

280.6210, 326.2551

1.4090

351.2604,
335.2827, 388.3514

■ 0.3519, 0.0000,
0.1487

■ 0.0000, 0.0000,
0.0000

■ 59.7031, 52.5661,
64.1263

■ 59.7031, 52.5661,
64.1263

■ 54.1972, 43.6983,
55.6801

■ 66.0930, 63.0348,
73.3798

■ 49.5291, 36.3444,
48.0129

■ 73.4013, 75.1715,
83.4609

■ 45.6550, 30.4198,
41.0992

■ 81.6660, 89.0483,
94.3933

■ 42.5249, 25.8287,
34.9105

■ 86.3578, 95.6035,
104.6773

■ 40.0832, 22.4634,
29.4160

■ 87.0890, 95.8959,
108.5274

■ 38.2652, 20.1993,
24.5813

■ 36.9931, 18.8844,
20.3669

■ 36.4309, 18.4167,
18.1552

Harmonies

Analogous

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



57.0563, 52.5661, 78.2573



59.7031, 52.5661, 64.1263



59.6236, 52.5661, 50.1629

Triad

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



59.7031, 52.5661, 64.1263



47.4277, 52.5661, 34.9340



43.6585, 52.5661, 78.9397

Complementary

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



59.7031, 52.5661, 64.1263



57.6623, 71.3043, 67.8540

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.



41.4058, 52.5661, 64.9436



59.7031, 52.5661, 64.1263



43.4825, 52.5661, 40.3620

Square

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



59.7031, 52.5661, 64.1263



52.3139, 52.5661, 34.7887



41.3435, 52.5661, 50.8570



47.6826, 52.5661, 87.7130

Rectangle

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



59.7031, 52.5661, 64.1263



58.0284, 52.5661, 42.8021



41.3435, 52.5661, 50.8570



42.6809, 52.5661, 74.5959

Sweetspot

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



59.7046, 52.5685, 64.1274



88.2136, 88.5737, 99.6957



54.9947, 49.7169, 83.0423



18.7610, 18.7582, 21.1743



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.



59.7046, 52.5685, 64.1274



70.4318, 59.3912, 74.0964



56.6424, 51.3436, 48.0021



14.6760, 14.4876, 16.4943



20.2885, 10.2496, 10.4139



1.5461, 0.7762, 1.0165

Inverse Universe

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



59.7046, 52.5685, 64.1274



70.4318, 59.3912, 74.0964



61.3282, 72.7707, 87.1584



14.6760, 14.4876, 16.4943



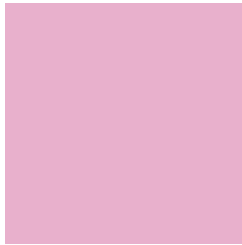
20.2885, 10.2496, 10.4139



1.5461, 0.7762, 1.0165

Previews

White Background



This preview shows how the XYZ color 59.7031, 52.5661, 64.1263 looks on a white background.

Color Contrast Check

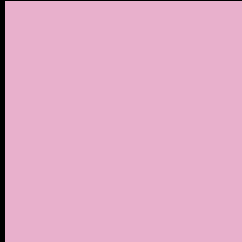
Large Text (above 18pt) WCAG AA × Fail

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 59.7031, 52.5661, 64.1263 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

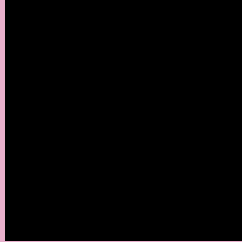
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.7031, 52.5661, 64.1263

Background



This preview shows how black text looks on a background with the XYZ color 59.7031, 52.5661, 64.1263.



This preview shows how white text looks on a background with the XYZ color 59.7031, 52.5661,

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

59.7031, 52.5661, 64.1263

Protanopia

51.6273, 52.8845, 70.4375

Deuteranopia

53.6732, 52.5039, 63.1825



Tritanopia

58.0679, 52.4696, 56.9363

Trichromacy



Original Color

59.7031, 52.5661, 64.1263

Protanomaly

54.3686, 52.7501, 68.2890

Deuteranomaly

55.5318, 52.2148, 63.6515

Tritanomaly

58.6409, 52.4187, 59.2517

Monochromacy



Original Color

59.7031, 52.5661, 64.1263

Achromatopsia

52.4687, 55.2011, 60.1140

Achromatomaly

54.8009, 54.0740, 61.5818

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.7031, 52.5661, 64.1263 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(232, 176, 204)` looks like.

```
.text, #text, p{  
    color:rgb(232, 176, 204)  
}
```

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(232, 176, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 176, 204) }
```

Border

The CSS property to change the border of an element to XYZ 59.7031, 52.5661, 64.1263 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(232, 176, 204) }
```


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

```
.border{ border-color:rgb(232, 176, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 176, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 176, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 176, 204);  
box-shadow:4px 4px 4px 4px rgb(232, 176,  
204) }
```

Background

The CSS property to change the background color of an element to XYZ 59.7031, 52.5661, 64.1263 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 176, 204) }
```

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

```
.background{ background-color: rgb(232,  
176, 204) }
```

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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