

Converting Colors

XYZ(59.8809, 52.7339, 65.3154)

Have a look what the booklet for
XYZ(59.8809, 52.7339, 65.3154)
contains.

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Color

**XYZ(59.9446, 52.6627,
65.3980)**

Conversions

Conversions Part 1

Format	Color
Hex	E8B0CE
RGB	232, 176, 206
RGB Percent	91%, 69%, 81%
CMY	0.0902, 0.3098, 0.1922
CMYK	0.00, 0.24, 0.11, 0.09
HSL	328°, 55%, 80%
HSV	328°, 24%, 91%
XYZ	59.9446, 52.6627, 65.3980
YIQ	196.1640, 23.7460, 21.2020

Conversions

Conversions Part 2

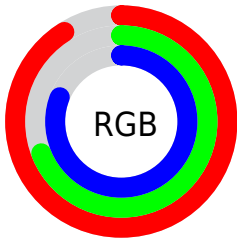
Format	Color
R_{YB}	232, 176, 206
Decimal	15249614
CIE _{Lab}	77.68, 25.01, -7.24
CIE _{LCh}	78, 26.038, 343.865
Yxy	52.6627, 0.3368, 0.2958
Android (android.graphics.Color)	4293439694 (0xFFE8B0CE)
YUV	196.1640, 4.8491, 31.4282
Hunter-Lab	72.5691, 20.4514, -2.6328

Details

The XYZ color **59.9446, 52.6627, 65.3980** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **57.4239, 71.2090, 66.5985**, and the grayscale version is **52.5308, 55.2665, 60.1853**.

A 20% lighter version of the original color is **88.1466, 86.1932, 106.5989**, and **30.6550, 25.6630, 33.0435** is the 20% darker color. If you saturate the color by 10%, you get **54.5146, 43.8253, 57.3514**, and if you desaturate by 10%, it is **66.2447, 63.0955, 74.1784**.

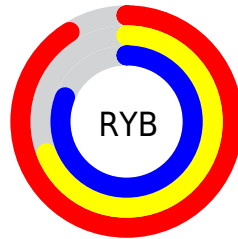
Distribution



Red (91%)

Green (69%)

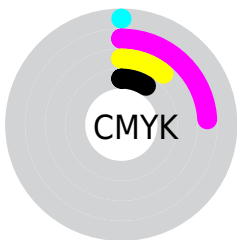
Blue (81%)



Red (91%)

Yellow (69%)

Blue (81%)

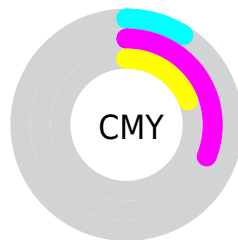


Cyan (0%)

Magenta (24%)

Yellow (11%)

Black (9%)



Cyan (9%)


Magenta (31%)


Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.9446, 52.6627, 65.3980 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 59.9446, 52.6627, 65.3980 by changing the saturation by 10% instead.


 59.9446, 52.6627,
65.3980

 59.9446, 52.6627,
65.3980


414.2316,
396.9897, 462.5661

 43.6233, 37.5336,
47.3305

 103.8561, 94.1079,
114.2406

 30.5711, 25.6209,
32.9408


132.1770,
121.1927, 145.8528

 20.4227, 16.5402,
21.8103

165.2284,
153.0315, 182.8169

 12.8127, 9.9072,
13.5206

203.3758,
190.0087, 225.5516

 7.3758, 5.3375,
7.6531

246.9844,
232.5088, 274.4753

 3.7466, 2.4466,
3.7892

296.4197,

 1.5598, 0.8497,

280.9160, 330.0066

1.5104

352.0470,
335.6149, 392.5640

■ 0.3660, 0.0000,
0.2257

■ 0.0000, 0.0000,
0.0000

■ 59.9446, 52.6627,
65.3980

■ 59.9446, 52.6627,
65.3980

■ 54.5146, 43.8253,
57.3514

■ 66.2447, 63.0955,
74.1784

■ 49.9089, 36.4963,
50.0127

■ 73.4487, 75.1905,
83.7106

■ 46.0841, 30.5914,
43.3591

■ 81.5944, 89.0197,
94.0161

■ 42.9910, 26.0151,
37.3646

■ 86.1520, 95.5211,
103.5930

■ 40.5741, 22.6598,
32.0011

■ 87.0890, 95.8960,
108.5274

■ 38.7696, 20.4010,
27.2373

■ 37.5001, 19.0872,
23.0369

■ 36.9347, 18.6182,
20.8082

Harmonies

Analogous

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



57.0690, 52.6627, 79.7494



59.9446, 52.6627, 65.3980



60.0566, 52.6627, 50.9482

Triad

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



59.9446, 52.6627, 65.3980



47.7694, 52.6627, 34.4102



43.3923, 52.6627, 78.7858

Complementary

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



59.9446, 52.6627, 65.3980



57.4239, 71.2090, 66.5985

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.



41.2292, 52.6627, 64.2468



59.9446, 52.6627, 65.3980



43.6393, 52.6627, 39.5801

Square

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



59.9446, 52.6627, 65.3980



52.7938, 52.6627, 34.6129



41.3165, 52.6627, 49.9740



47.4112, 52.6627, 88.3201

Rectangle

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



59.9446, 52.6627, 65.3980



58.5333, 52.6627, 43.2334



41.3165, 52.6627, 49.9740



42.4365, 52.6627, 74.2247

Sweetspot

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



59.9461, 52.6651, 65.3991



88.3117, 88.6129, 100.2122



54.2342, 49.3248, 83.0068



18.7837, 18.7673, 21.2939



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.



59.9461, 52.6651, 65.3991



70.7804, 59.5306, 75.9318



56.9224, 51.4556, 49.4764



14.6981, 14.4964, 16.6108



20.5689, 10.3618, 11.8905



1.5668, 0.7844, 1.1252

Inverse Universe

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



59.9461, 52.6651, 65.3991



70.7804, 59.5306, 75.9318



60.9336, 72.6129, 85.0802



14.6981, 14.4964, 16.6108



20.5689, 10.3618, 11.8905



1.5668, 0.7844, 1.1252

Previews

White Background



This preview shows how the XYZ color 59.9446, 52.6627, 65.3980 looks on a white background.

Color Contrast Check

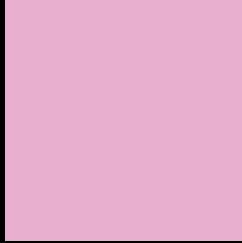
Large Text (above 18pt) WCAG AA × Fail

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 59.9446, 52.6627, 65.3980 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

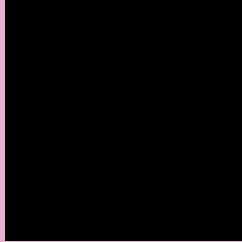
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.9446, 52.6627, 65.3980

Background



This preview shows how black text looks on a background with the XYZ color 59.9446, 52.6627, 65.3980.



This preview shows how white text looks on a background with the XYZ color 59.9446, 52.6627,

65.3980.

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

59.9446, 52.6627, 65.3980

Protanopia

51.8828, 52.9867, 71.7829

Deuteranopia

54.1230, 53.0221, 64.5084



Tritanopia

58.0679, 52.4696, 56.9363

Trichromacy



Original Color

59.9446, 52.6627, 65.3980

Protanomaly

54.6194, 52.8504, 69.6098

Deuteranomaly

55.9773, 52.7218, 64.9836

Tritanomaly

58.7552, 52.4644, 59.8532

Monochromacy



Original Color

59.9446, 52.6627, 65.3980

Achromatopsia

52.4687, 55.2011, 60.1140

Achromatomaly

54.9174, 54.1206, 62.1954

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.9446, 52.6627, 65.3980 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, 206)` looks like.

```
.text, #text, p{  
    color:rgb(232, 176, 206)  
}
```

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, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 176, 206) }
```

Border

The CSS property to change the border of an element to XYZ 59.9446, 52.6627, 65.3980 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, 206) }
```


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

```
.border{ border-color:rgb(232, 176, 206) }
```

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, 206) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 176, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 176, 206);  
box-shadow:4px 4px 4px 4px rgb(232, 176,  
206) }
```

Background

The CSS property to change the background color of an element to XYZ 59.9446, 52.6627, 65.3980 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, 206) }
```

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

```
.background{ background-color: rgb(232,  
176, 206) }
```

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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