

Converting Colors

XYZ(52.6761, 39.3051, 63.2575)

Have a look what the booklet for
XYZ(52.6761, 39.3051, 63.2575)
contains.

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Color

**XYZ(52.8622, 39.4562,
63.2222)**

Conversions

Conversions Part 1

Format	Color
Hex	E68ACE
RGB	230, 138, 206
RGB Percent	90%, 54%, 81%
CMY	0.0980, 0.4588, 0.1922
CMYK	0.00, 0.40, 0.10, 0.10
HSL	316°, 65%, 72%
HSV	316°, 40%, 90%
XYZ	52.8622, 39.4562, 63.2222
YIQ	173.2600, 33.0040, 40.6520

Conversions

Conversions Part 2

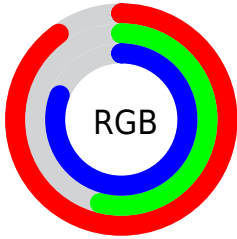
Format	Color
R _{YB}	230, 138, 206
Decimal	15108814
CIE Lab	69.08, 44.46, -20.16
CIE LCh	69, 48.819, 335.606
Yxy	39.4562, 0.3399, 0.2537
Android (android.graphics.Color)	4293298894 (0xFFE68ACE)
YUV	173.2600, 16.1408, 49.7610
Hunter-Lab	62.8142, 40.2945, -15.7052

Details

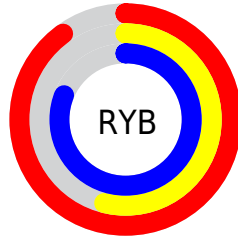
The XYZ color **52.8622, 39.4562, 63.2222** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **45.3014, 64.6068, 44.2679**, and the grayscale version is **39.7627, 41.8334, 45.5566**.

A 20% lighter version of the original color is **78.3600, 66.6199, 103.3367**, and **26.1496, 17.6482, 31.7340** is the 20% darker color. If you saturate the color by 10%, you get **49.1902, 33.2560, 58.4703**, and if you desaturate by 10%, it is **57.2631, 47.0684, 68.3552**.

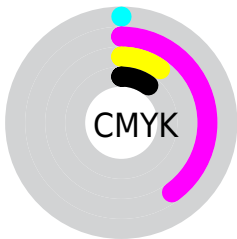
Distribution



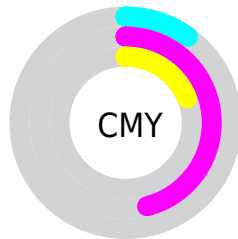
- Red (90%)
- Green (54%)
- Blue (81%)



- Red (90%)
- Yellow (54%)
- Blue (81%)



- Cyan (0%)
- Magenta (40%)
- Yellow (10%)
- Black (10%)





- Cyan (10%)
- Magenta (46%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.8622, 39.4562, 63.2222 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 52.8622, 39.4562, 63.2222 by changing the saturation by 10% instead.


 52.8622, 39.4562,
63.2222


 52.8622, 39.4562,
63.2222


388.0257,
343.8262, 454.5056


 37.9198, 27.1148,
45.5788


 93.5683, 74.3347,
111.0787

 26.0974, 17.6595,
31.5673


 120.0627, 97.6406,
142.1289

 17.0296, 10.7058,
20.7692


 151.1385,
125.3702, 178.4851

 10.3510, 5.8694,
12.7658

187.1610,
157.9078, 220.5659

 5.6964, 2.7658,
7.1386

228.4957,
195.6377, 268.7898

 2.7002, 1.0107,
3.4692

275.5078,

 0.9973, 0.0000,

238.9445, 323.5754

1.3389

328.5627,
288.2126, 385.3411

■ 0.0000, 0.0000,
0.0934

■ 0.0000, 0.0000,
0.0000

■ 52.8622, 39.4562,
63.2222

■ 52.8622, 39.4562,
63.2222

■ 49.1902, 33.2560,
58.4703

■ 57.2631, 47.0684,
68.3552

■ 46.1987, 28.3734,
54.0807


■ 62.4303, 56.1686,
73.8820


■ 43.8390, 24.7109,
50.0359


■ 68.4025, 66.8336,
79.8174


■ 42.0541, 22.1549,
46.3155


■ 75.2152, 79.1335,
86.1746


 40.7763, 20.5707,
42.8952


 82.9014, 93.1339,
92.9662

 39.8891, 19.7255,
39.7345

 84.4209, 94.7542,
97.8467

 39.8889, 19.7253,
39.7339

 85.3373, 95.1207,
102.6721

 86.2835, 95.4992,
107.6547

 86.4435, 95.5632,
108.4972

Harmonies

Analogous

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



46.9149, 39.4562, 88.1211



52.8622, 39.4562, 63.2222



54.4690, 39.4562, 38.9056

Triad

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



52.8622, 39.4562, 63.2222



36.0577, 39.4562, 12.8513



26.5956, 39.4562, 73.0848

Complementary

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



52.8622, 39.4562, 63.2222



45.3014, 64.6068, 44.2679

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.



24.4843, 39.4562, 47.2891



52.8622, 39.4562, 63.2222



29.4406, 39.4562, 16.6729

Square

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



52.8622, 39.4562, 63.2222



44.0337, 39.4562, 14.5413



25.4489, 39.4562, 27.5697



31.6503, 39.4562, 95.0604

Rectangle

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



52.8622, 39.4562, 63.2222



52.6940, 39.4562, 26.9621



25.4489, 39.4562, 27.5697



25.5525, 39.4562, 64.2927

Sweetspot

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



52.8634, 39.4580, 63.2230



84.7944, 81.5030, 99.2719



38.0712, 31.4693, 78.9313



17.9306, 17.0531, 21.0340



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.



52.8634, 39.4580, 63.2230



62.9013, 43.2571, 74.8941



48.1562, 37.5751, 38.4349



14.8261, 14.5476, 17.2848



22.6353, 11.1883, 22.7720



1.7102, 0.8418, 1.8804

Inverse Universe

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



52.8634, 39.4580, 63.2230



62.9013, 43.2571, 74.8941



50.0420, 66.5031, 69.2318



14.8261, 14.5476, 17.2848



22.6353, 11.1883, 22.7720



1.7102, 0.8418, 1.8804

Previews

White Background



This preview shows how the XYZ color 52.8622, 39.4562, 63.2222 looks on a white background.

Color Contrast Check

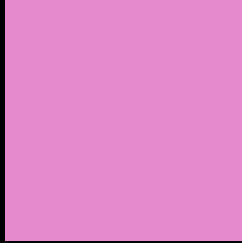
Large Text (above 18pt) WCAG AA × Fail

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 52.8622, 39.4562, 63.2222 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

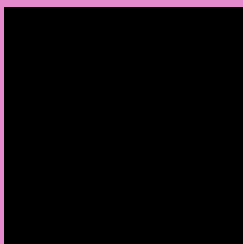
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.8622, 39.4562, 63.2222

Background



This preview shows how black text looks on a background with the XYZ color 52.8622, 39.4562, 63.2222.



This preview shows how white text looks on a background with the XYZ color 52.8622, 39.4562,

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

52.8622, 39.4562, 63.2222

Protanopia

40.6327, 39.8589, 78.2250

Deuteranopia

40.5753, 39.6734, 60.7775



Tritanopia

47.4322, 39.2179, 37.8708

Trichromacy



Original Color

52.8622, 39.4562, 63.2222



Protanomaly

43.4970, 38.5947, 72.1748



Deuteranomaly

44.2391, 38.9610, 61.6885



Tritanomaly

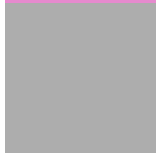
49.1738, 39.2499, 46.0585

Monochromacy



Original Color

52.8622, 39.4562, 63.2222



Achromatopsia

39.7200, 41.7885, 45.5077



Achromatomaly

43.5759, 40.1137, 51.3450

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.8622, 39.4562, 63.2222 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(230, 138, 206)` looks like.

```
.text, #text, p{  
    color:rgb(230, 138, 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(230, 138, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 138, 206) }
```

Border

The CSS property to change the border of an element to XYZ 52.8622, 39.4562, 63.2222 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(230, 138, 206) }
```


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

```
.border{ border-color:rgb(230, 138, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 138, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 138, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 138, 206);  
box-shadow:4px 4px 4px 4px rgb(230, 138,  
206) }
```

Background

The CSS property to change the background color of an element to XYZ 52.8622, 39.4562, 63.2222 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 138, 206) }
```

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

```
.background{ background-color: rgb(230,  
138, 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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