

Converting Colors

XYZ(61.2482, 52.2154, 63.9772)

Have a look what the booklet for
XYZ(61.2482, 52.2154, 63.9772)
contains.

XYZ(61.2482, 52.2154, 63.9772)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(61.2482, 52.2154,
63.9772)**

Conversions

Conversions Part 1

Format	Color
Hex	EFACCC
RGB	239, 172, 204
RGB Percent	94%, 67%, 80%
CMY	0.0627, 0.3255, 0.2000
CMYK	0.00, 0.28, 0.15, 0.06
HSL	331°, 68%, 81%
HSV	331°, 28%, 94%
XYZ	61.2482, 52.2154, 63.9772
YIQ	195.6810, 29.6600, 24.1560

Conversions

Conversions Part 2

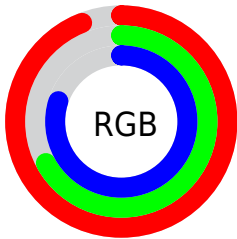
Format	Color
R _Y B	239, 172, 204
Decimal	15707340
CIE Lab	77.41, 29.24, -6.46
CIE LCh	77, 29.951, 347.537
Yxy	52.2154, 0.3452, 0.2943
Android (android.graphics.Color)	4293897420 (0xFFEFACCC)
YUV	195.6810, 4.1013, 37.9908
Hunter-Lab	72.2602, 24.8423, -1.9116

Details

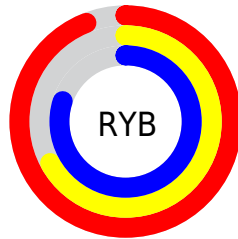
The XYZ color **61.2482, 52.2154, 63.9772** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **59.1444, 75.0100, 70.3961**, and the grayscale version is **52.2434, 54.9641, 59.8559**.

A 20% lighter version of the original color is **87.0334, 83.9668, 106.2278**, and **31.3933, 25.3407, 32.0908** is the 20% darker color. If you saturate the color by 10%, you get **55.6641, 43.3481, 55.0212**, and if you desaturate by 10%, it is **67.7733, 62.7713, 73.8404**.

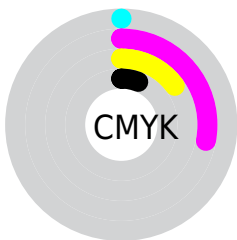
Distribution



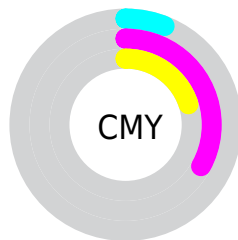
- Red (94%)
- Green (67%)
- Blue (80%)



- Red (94%)
- Yellow (67%)
- Blue (80%)



- Cyan (0%)
- Magenta (28%)
- Yellow (15%)
- Black (6%)





- Cyan (6%)
- Magenta (33%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 61.2482, 52.2154, 63.9772 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 61.2482, 52.2154, 63.9772 by changing the saturation by 10% instead.


 61.2482, 52.2154,
63.9772

 61.2482, 52.2154,
63.9772


418.9448,
395.2676, 457.3125

 44.6788, 37.1768,
46.1861


 105.7343, 93.4488,
112.1773

 31.4047, 25.3444,
32.0430


134.3817,
120.4124, 143.4233

 21.0606, 16.3338,
21.1293


167.7859,
152.1199, 179.9915

 13.2810, 9.7607,
13.0264

206.3121,
188.9555, 222.3003

 7.7006, 5.2406,
7.3158

250.3257,
231.3036, 270.7682

 3.9542, 2.3891,
3.5789

300.1922,

 1.6763, 0.8203,

279.5488, 325.8139

1.3973

356.2768,
334.0753, 387.8558

■ 0.4413, 0.0000,
0.1396

■ 0.0000, 0.0000,
0.0000

■ 61.2482, 52.2154,
63.9772

■ 61.2482, 52.2154,
63.9772

■ 55.6641, 43.3481,
55.0212

■ 67.7733, 62.7713,
73.8404

■ 50.9700, 36.0736,
46.9398

■ 75.2782, 75.0911,
84.6354

■ 47.1163, 30.2971,
39.7029

■ 83.8050, 89.2538,
96.3896

■ 44.0469, 25.9108,
33.2767

■ 89.2374, 97.0231,
107.7436

■ 41.6979, 22.7923,
27.6245

■ 89.4069, 97.0909,
108.6359

■ 39.9948, 20.7976,
22.7051

■ 38.8353, 19.7280,
18.4675

■ 38.6422, 19.5690,
17.7024

Harmonies

Analogous

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



58.2563, 52.2154, 81.0687



61.2482, 52.2154, 63.9772



60.9566, 52.2154, 47.8214

Triad

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



61.2482, 52.2154, 63.9772



46.3661, 52.2154, 31.6549



42.5212, 52.2154, 83.6107

Complementary

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



61.2482, 52.2154, 63.9772



59.1444, 75.0100, 70.3961

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.



39.7999, 52.2154, 66.9572



61.2482, 52.2154, 63.9772



41.8988, 52.2154, 38.0157

Square

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



61.2482, 52.2154, 63.9772



52.0579, 52.2154, 31.1655



39.5812, 52.2154, 50.2796



47.2772, 52.2154, 93.7902

Rectangle

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



61.2482, 52.2154, 63.9772



58.9398, 52.2154, 39.6349



39.5812, 52.2154, 50.2796



41.3547, 52.2154, 78.4521

Sweetspot

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



61.2497, 52.2178, 63.9783



87.2152, 87.0004, 98.0570



55.9598, 48.9500, 88.1609



18.3706, 18.1316, 20.5690



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.



61.2497, 52.2178, 63.9783



66.8943, 54.0147, 67.6811



58.0109, 51.2637, 45.8700



16.0872, 15.8846, 18.0153



21.4198, 10.8404, 10.1274



1.8319, 0.9218, 1.1057

Inverse Universe

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



61.2497, 52.2178, 63.9783



66.8943, 54.0147, 67.6811



63.1355, 76.0850, 93.0203



16.0872, 15.8846, 18.0153



21.4198, 10.8404, 10.1274



1.8319, 0.9218, 1.1057

Previews

White Background



This preview shows how the XYZ color 61.2482, 52.2154, 63.9772 looks on a white background.

Color Contrast Check

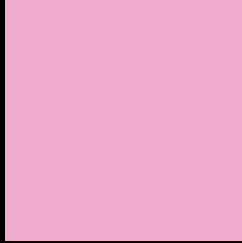
Large Text (above 18pt) WCAG AA × Fail

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 61.2482, 52.2154, 63.9772 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 61.2482, 52.2154, 63.9772

Background



This preview shows how black text looks on a background with the XYZ color 61.2482, 52.2154, 63.9772.



This preview shows how white text looks on a background with the XYZ color 61.2482, 52.2154,

63.9772.

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

61.2482, 52.2154, 63.9772

Protanopia

51.4182, 52.4246, 71.6989

Deuteranopia

53.5551, 52.4567, 62.5608



Tritanopia

59.3321, 52.2953, 54.5438

Trichromacy



Original Color

61.2482, 52.2154, 63.9772



Protanomaly

54.4235, 51.8355, 68.7648



Deuteranomaly

56.0980, 52.2174, 62.9994



Tritanomaly

60.1336, 52.3443, 57.9730

Monochromacy



Original Color

61.2482, 52.2154, 63.9772



Achromatopsia

52.4687, 55.2011, 60.1140



Achromatomaly

55.2305, 53.6612, 61.4795

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.2482, 52.2154, 63.9772 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, 172, 204)` looks like.

```
.text, #text, p{  
    color:rgb(239, 172, 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(239, 172, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 172, 204) }
```

Border

The CSS property to change the border of an element to XYZ 61.2482, 52.2154, 63.9772 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, 172, 204) }
```


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

```
.border{ border-color:rgb(239, 172, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 172, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 172, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 172, 204);  
box-shadow:4px 4px 4px 4px rgb(239, 172,  
204) }
```

Background

The CSS property to change the background color of an element to XYZ 61.2482, 52.2154, 63.9772 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 172, 204) }
```

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

```
.background{ background-color: rgb(239,  
172, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor