

Converting Colors

XYZ(62.3511, 53.2012, 84.0734)

Have a look what the booklet for XYZ(62.3511, 53.2012, 84.0734) contains.

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Color

**XYZ(62.3511, 53.2012,
84.0734)**

Conversions

Conversions Part 1

Format	Color
Hex	E5AFE9
RGB	229, 175, 233
RGB Percent	90%, 69%, 91%
CMY	0.1020, 0.3137, 0.0863
CMYK	0.02, 0.25, 0.00, 0.09
HSL	296°, 57%, 80%
HSV	296°, 25%, 91%
XYZ	62.3511, 53.2012, 84.0734
YIQ	197.7580, 13.5660, 29.4860

Conversions

Conversions Part 2

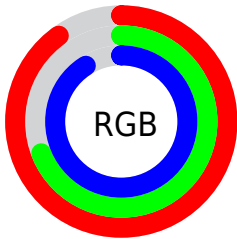
Format	Color
R _Y B	229, 175, 233
Decimal	15052777
CIE Lab	77.99, 29.30, -21.43
CIE LCh	78, 36.301, 323.828
Yxy	53.2012, 0.3123, 0.2665
Android (android.graphics.Color)	4293242857 (0xFFE5AFE9)
YUV	197.7580, 17.3743, 27.3992
Hunter-Lab	72.9392, 24.9449, -17.2833

Details

The XYZ color **62.3511, 53.2012, 84.0734** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **55.4690, 70.9580, 51.3329**, and the grayscale version is **53.4232, 56.2054, 61.2077**.

A 20% lighter version of the original color is **87.8659, 85.6318, 106.5053**, and **32.1289, 25.9776, 44.9158** is the 20% darker color. If you saturate the color by 10%, you get **57.6918, 44.6393, 82.6671**, and if you desaturate by 10%, it is **67.8008, 63.3350, 85.7430**.

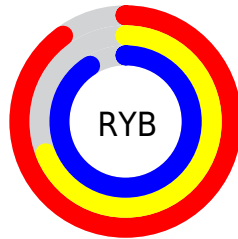
Distribution



Red (90%)

Green (69%)

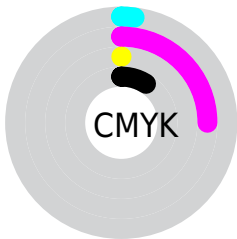
Blue (91%)



Red (90%)

Yellow (69%)

Blue (91%)

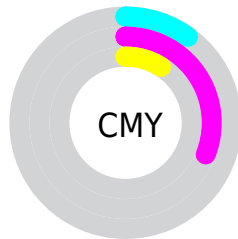


Cyan (2%)

Magenta (25%)

Yellow (0%)

Black (9%)



Cyan (10%)

Magenta (31%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.3511, 53.2012, 84.0734 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 62.3511, 53.2012, 84.0734 by changing the saturation by 10% instead.

62.3511, 53.2012,
84.0734

62.3511, 53.2012,
84.0734

422.9078,
399.0566, 528.6214

45.5731, 37.9634,
62.5303

107.3199, 94.9004,
140.9405

32.1123, 25.9543,
45.0228

136.2414,
122.1305, 177.1016

21.6033, 16.7894,
31.1323

169.9415,
154.1269, 218.9724

13.6806, 10.0845,
20.4403

208.7855,
191.2740, 266.9714

7.9791, 5.4550,
12.5283

253.1388,
233.9561, 321.5173

4.1333, 2.5166,
6.9776

303.3667,

1.7778, 0.8849,

282.5576, 383.0286

3.3699

359.8346,
337.4630, 451.9238

■ 0.5042, 0.0000,
1.2865

■ 0.0000, 0.0000,
0.0507

■ 62.3511, 53.2012,
84.0734

■ 62.3511, 53.2012,
84.0734

■ 57.6918, 44.6393,
82.6671

■ 67.8008, 63.3350,
85.7430

■ 53.7779, 37.5620,
81.5074


■ 74.0733, 75.1083,
87.6848


■ 50.5671, 31.8841,
80.5806


■ 81.2052, 88.5932,
89.9118


■ 48.0112, 27.5089,
79.8709


■ 84.8708, 95.1385,
90.9820


 46.0558, 24.3276,
79.3599


 85.4050, 95.4139,
91.0070


 44.6374, 22.2135,
79.0266


 85.9441, 95.6918,
91.0322

 43.6785, 21.0115,
78.8451

 86.4879, 95.9721,
91.0577

 43.3036, 20.6248,
78.7902

 87.0366, 96.2550,
91.0833

 87.5901, 96.5403,
91.1092

Harmonies

Analogous

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



56.2584, 53.2012, 101.3306



62.3511, 53.2012, 84.0734



65.3190, 53.2012, 62.2138

Triad

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



62.3511, 53.2012, 84.0734



52.0416, 53.2012, 27.2049



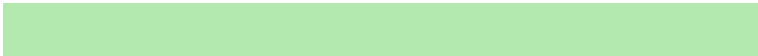
39.1238, 53.2012, 75.1192

Complementary

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



62.3511, 53.2012, 84.0734



55.4690, 70.9580, 51.3329

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.



38.2208, 53.2012, 53.8419



62.3511, 53.2012, 84.0734



45.2714, 53.2012, 29.1164

Square

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



62.3511, 53.2012, 84.0734



59.0201, 53.2012, 31.8431



40.3684, 53.2012, 37.8556



42.9607, 53.2012, 95.3752

Rectangle

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



62.3511, 53.2012, 84.0734



64.9459, 53.2012, 49.1125



40.3684, 53.2012, 37.8556



38.4829, 53.2012, 67.7379

Sweetspot

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



62.3528, 53.2035, 84.0745



89.1662, 88.9026, 107.0681



48.6771, 47.5750, 83.7089



18.9819, 18.8344, 22.8849



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.



62.3528, 53.2035, 84.0745



73.3958, 59.5333, 102.2304



60.4239, 52.5811, 67.1798



15.6063, 15.2578, 19.0448



24.6146, 11.7252, 44.7088



1.9637, 0.9366, 3.5122

Inverse Universe

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



57.0727, 51.2406, 49.5326



65.8883, 56.7514, 52.7055



57.1481, 71.5244, 64.9300



15.1076, 15.0709, 15.8519



19.1372, 9.8576, 1.2576



1.5175, 0.7800, 0.1766

Previews

White Background



This preview shows how the XYZ color 62.3511, 53.2012, 84.0734 looks on a white background.

Color Contrast Check

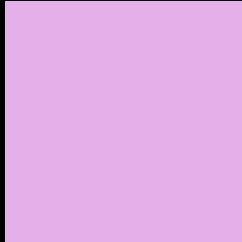
Large Text (above 18pt) WCAG AA × Fail

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 62.3511, 53.2012, 84.0734 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 62.3511, 53.2012, 84.0734

Background



This preview shows how black text looks on a background with the XYZ color 62.3511, 53.2012, 84.0734.



This preview shows how white text looks on a background with the XYZ color 62.3511, 53.2012,

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

62.3511, 53.2012, 84.0734

Protanopia

53.7823, 53.4966, 93.0792

Deuteranopia

54.7287, 53.5777, 82.3199



Tritanopia

57.4322, 53.2887, 59.4833

Trichromacy



Original Color

62.3511, 53.2012, 84.0734

Protanomaly

56.3658, 52.9950, 89.6963

Deuteranomaly

57.2964, 53.3159, 82.8725

Tritanomaly

58.9928, 53.0124, 67.4448

Monochromacy



Original Color

62.3511, 53.2012, 84.0734

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

56.4658, 55.0854, 69.2845

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.3511, 53.2012, 84.0734 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(229, 175, 233)` looks like.

```
.text, #text, p{  
    color:rgb(229, 175, 233)  
}
```

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(229, 175, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 175, 233) }
```

Border

The CSS property to change the border of an element to XYZ 62.3511, 53.2012, 84.0734 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(229, 175, 233) }
```


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

```
.border{ border-color:rgb(229, 175, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 175, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 175, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 175, 233);  
box-shadow:4px 4px 4px 4px rgb(229, 175,  
233) }
```

Background

The CSS property to change the background color of an element to XYZ 62.3511, 53.2012, 84.0734 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 175, 233) }
```

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

```
.background{ background-color: rgb(229,  
175, 233) }
```

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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