

Converting Colors

XYZ(60.5244, 51.1699, 81.5497)

Have a look what the booklet for
XYZ(60.5244, 51.1699, 81.5497)
contains.

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Color

**XYZ(60.5244, 51.1699,
81.5497)**

Conversions

Conversions Part 1

Format	Color
Hex	E3ABE6
RGB	227, 171, 230
RGB Percent	89%, 67%, 90%
CMY	0.1098, 0.3294, 0.0980
CMYK	0.01, 0.26, 0.00, 0.10
HSL	297°, 54%, 79%
HSV	297°, 26%, 90%
XYZ	60.5244, 51.1699, 81.5497
YIQ	194.4700, 14.4370, 30.2210

Conversions

Conversions Part 2

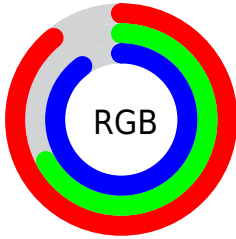
Format	Color
R _Y B	227, 171, 230
Decimal	14920678
CIE Lab	76.78, 30.24, -21.66
CIE LCh	77, 37.199, 324.389
Yxy	51.1699, 0.3132, 0.2648
Android (android.graphics.Color)	4293110758 (0xFFE3ABE6)
YUV	194.4700, 17.5163, 28.5288
Hunter-Lab	71.5331, 25.8464, -17.5190

Details

The XYZ color **60.5244, 51.1699, 81.5497** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **53.1048, 68.5339, 48.9601**, and the grayscale version is **51.4514, 54.1309, 58.9485**.

A 20% lighter version of the original color is **86.7591, 83.4182, 106.1364**, and **30.9130, 24.6708, 43.1770** is the 20% darker color. If you saturate the color by 10%, you get **56.1852, 43.0362, 80.2092**, and if you desaturate by 10%, it is **65.6252, 60.8211, 83.1445**.

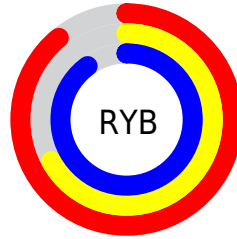
Distribution



Red (89%)

Green (67%)

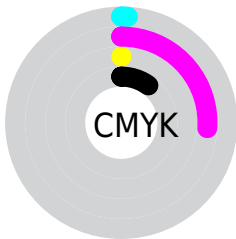
Blue (90%)



Red (89%)

Yellow (67%)

Blue (90%)

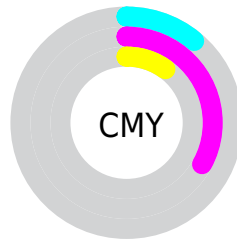


Cyan (1%)

Magenta (26%)

Yellow (0%)

Black (10%)



Cyan (11%)

Magenta (33%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.5244, 51.1699, 81.5497 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 60.5244, 51.1699, 81.5497 by changing the saturation by 10% instead.

60.5244, 51.1699,
81.5497

60.5244, 51.1699,
81.5497

416.3318,
391.2235, 519.9841

44.0925, 36.3438,
60.4608

104.6920, 91.9059,
137.3734

30.9415, 24.6999,
43.3624

133.1585,
118.5846, 172.9452

20.7059, 15.8536,
29.8361

166.3672,
149.9829, 214.1817

13.0204, 9.4206,
19.4632

204.6835,
186.4853, 261.5015

7.5197, 5.0165,
11.8253

248.4728,
228.4762, 315.3231

3.8384, 2.2570,
6.5037

298.1003,

1.6111, 0.7508,

276.3399, 376.0650

3.0800

353.9316,
330.4609, 444.1458

■ 0.3996, 0.0000,
1.1356

■ 0.0000, 0.0000,
0.0000

■ 60.5244, 51.1699,
81.5497

■ 60.5244, 51.1699,
81.5497

■ 56.1852, 43.0362,
80.2092

■ 65.6252, 60.8211,
83.1445

■ 52.5636, 36.3351,
79.1066


■ 71.5191, 72.0557,
85.0023


■ 49.6186, 30.9834,
78.2289


■ 78.2417, 84.9440,
87.1357


■ 47.3030, 26.8867,
77.5602


■ 83.2177, 94.3354,
88.6862


 45.5634, 23.9385,
77.0828


 83.5979, 94.5314,
88.7040


 44.3378, 22.0146,
76.7760


 83.9806, 94.7287,
88.7219

 43.5498, 20.9620,
76.6144

 84.3658, 94.9273,
88.7399

 43.2885, 20.6661,
76.5711

 84.7536, 95.1272,
88.7580

 85.1440, 95.3284,
88.7763

Harmonies

Analogous

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



54.4576, 51.1699, 99.1409



60.5244, 51.1699, 81.5497



63.4308, 51.1699, 59.6024

Triad

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



60.5244, 51.1699, 81.5497



49.9744, 51.1699, 25.2950



37.2926, 51.1699, 73.3557

Complementary

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



60.5244, 51.1699, 81.5497



53.1048, 68.5339, 48.9601

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.



36.3407, 51.1699, 52.0010



60.5244, 51.1699, 81.5497



43.2438, 51.1699, 27.2839

Square

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



60.5244, 51.1699, 81.5497



56.9735, 51.1699, 29.7135



38.4152, 51.1699, 36.0097



41.1534, 51.1699, 93.6649

Rectangle

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



60.5244, 51.1699, 81.5497



63.0012, 51.1699, 46.6037



38.4152, 51.1699, 36.0097



36.6385, 51.1699, 65.9433

Sweetspot

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



60.5260, 51.1721, 81.5508



88.5034, 87.4717, 106.8268



46.3967, 45.0076, 81.1056



18.6960, 18.2506, 22.7873



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.



60.5260, 51.1721, 81.5508



73.3423, 58.7568, 102.0834



58.1488, 50.3315, 64.0516



14.9189, 14.5759, 18.1715



24.5397, 11.7166, 43.3513



1.8358, 0.8773, 3.2046

Inverse Universe

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



54.8378, 49.0071, 46.6158



64.9906, 55.5851, 50.4671



55.1216, 69.2642, 63.0295



14.4065, 14.3798, 15.0753



18.5248, 9.5441, 1.1264



1.3794, 0.7095, 0.1387

Previews

White Background



This preview shows how the XYZ color 60.5244, 51.1699, 81.5497 looks on a white background.

Color Contrast Check

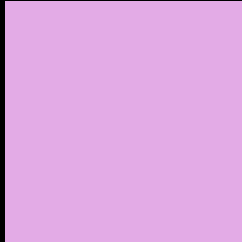
Large Text (above 18pt) WCAG AA × Fail

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 60.5244, 51.1699, 81.5497 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

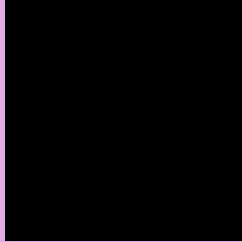
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.5244, 51.1699, 81.5497

Background



This preview shows how black text looks on a background with the XYZ color 60.5244, 51.1699, 81.5497.



This preview shows how white text looks on a background with the XYZ color 60.5244, 51.1699,

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

60.5244, 51.1699, 81.5497

Protanopia

51.9147, 51.6074, 91.2294

Deuteranopia

52.4493, 51.1911, 79.7895



Tritanopia

55.5590, 51.1762, 56.8189

Trichromacy



Original Color

60.5244, 51.1699, 81.5497



Protanomaly

54.6662, 51.2310, 87.8963



Deuteranomaly

54.9535, 50.9405, 80.3349



Tritanomaly

57.2110, 50.9635, 65.2141

Monochromacy



Original Color

60.5244, 51.1699, 81.5497



Achromatopsia

51.2775, 53.9479, 58.7493



Achromatomaly

54.2750, 52.7446, 66.3516

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.5244, 51.1699, 81.5497 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(227, 171, 230)` looks like.

```
.text, #text, p{  
    color:rgb(227, 171, 230)  
}
```

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(227, 171, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 171, 230) }
```

Border

The CSS property to change the border of an element to XYZ 60.5244, 51.1699, 81.5497 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(227, 171, 230) }
```


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

```
.border{ border-color:rgb(227, 171, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 171, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 171, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 171, 230);  
box-shadow:4px 4px 4px 4px rgb(227, 171,  
230) }
```

Background

The CSS property to change the background color of an element to XYZ 60.5244, 51.1699, 81.5497 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 171, 230) }
```

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

```
.background{ background-color: rgb(227,  
171, 230) }
```

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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