

Converting Colors

XYZ(61.1520, 53.2248, 83.4907)

Have a look what the booklet for
XYZ(61.1520, 53.2248, 83.4907)
contains.

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Color

**XYZ(61.0281, 53.1178,
83.3802)**

Conversions

Conversions Part 1

Format	Color
Hex	E0B1E8
RGB	224, 177, 232
RGB Percent	88%, 69%, 91%
CMY	0.1216, 0.3059, 0.0902
CMYK	0.03, 0.24, 0.00, 0.09
HSL	291°, 54%, 80%
HSV	291°, 24%, 91%
XYZ	61.0281, 53.1178, 83.3802
YIQ	197.3230, 10.3570, 27.0690

Conversions

Conversions Part 2

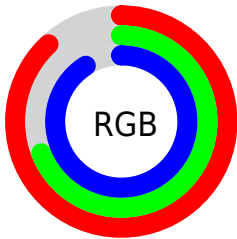
Format	Color
R_{YB}	224, 177, 232
Decimal	14725608
CIE _{Lab}	77.94, 26.42, -21.00
CIE _{LCh}	78, 33.753, 321.516
Yxy	53.1178, 0.3090, 0.2689
Android (android.graphics.Color)	4292915688 (0xFFE0B1E8)
YUV	197.3230, 17.0958, 23.3957
Hunter-Lab	72.8820, 21.9245, -16.8130

Details

The XYZ color **61.0281, 53.1178, 83.3802** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **56.8019, 71.2032, 52.3474**, and the grayscale version is **53.1630, 55.9316, 60.9095**.

A 20% lighter version of the original color is **88.4289, 86.7578, 106.6930**, and **31.1926, 25.8747, 44.4246** is the 20% darker color. If you saturate the color by 10%, you get **55.7944, 44.1868, 81.9330**, and if you desaturate by 10%, it is **67.0648, 63.6221, 85.0904**.

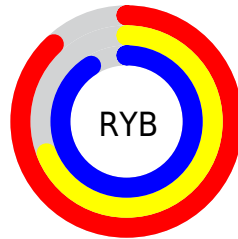
Distribution



Red (88%)

Green (69%)

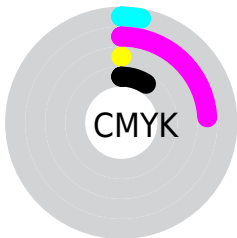
Blue (91%)



Red (88%)

Yellow (69%)

Blue (91%)

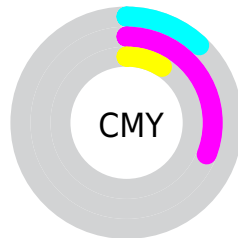


Cyan (3%)

Magenta (24%)

Yellow (0%)

Black (9%)



Cyan (12%)

Magenta (31%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.0281, 53.1178, 83.3802 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 61.0281, 53.1178, 83.3802 by changing the saturation by 10% instead.

61.0281, 53.1178,
83.3802

61.0281, 53.1178,
83.3802

418.1513,
398.7369, 526.2569

44.5005, 37.8968,
61.9614

105.4175, 94.7777,
139.9618

31.2637, 25.9026,
44.5659

134.0100,
121.9854, 175.9618

20.9526, 16.7508,
30.7752

167.3548,
153.9574, 217.6591

13.2016, 10.0570,
20.1707

205.8173,
191.0782, 265.4725

7.6455, 5.4368,
12.3339

249.7629,
233.7322, 319.8205

3.9188, 2.5057,
6.8462

299.5568,

1.6563, 0.8795,

282.3037, 381.1215

3.2891

355.5645,
337.1771, 449.7941

■ 0.4287, 0.0000,
1.2441

■ 0.0000, 0.0000,
0.0153

■ 61.0281, 53.1178,
83.3802

■ 61.0281, 53.1178,
83.3802

■ 55.7944, 44.1868,
81.9330

■ 67.0648, 63.6221,
85.0904

■ 51.3193, 36.7433,
80.7321

■ 73.9364, 75.7659,
87.0722

■ 47.5615, 30.7040,
79.7645

■ 81.6787, 89.6204,
89.3383

■ 44.4737, 25.9743,
79.0143

■ 85.4179, 95.4370,
90.2639

42.0027, 22.4481,
78.4639

86.5585, 96.0250,
90.3173

40.0870, 20.0026,
78.0928

87.7204, 96.6240,
90.3717

38.6518, 18.4885,
77.8762

88.9038, 97.2340,
90.4271

37.9216, 17.8667,
77.7947

90.1087, 97.8552,
90.4835

91.3354, 98.4875,
90.5409

Harmonies

Analogous

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



55.2601, 53.1178, 98.4154



61.0281, 53.1178, 83.3802



64.0312, 53.1178, 63.3364

Triad

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



61.0281, 53.1178, 83.3802



52.3725, 53.1178, 28.9396



39.6291, 53.1178, 72.1361

Complementary

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



61.0281, 53.1178, 83.3802



56.8019, 71.2032, 52.3474

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.



39.0014, 53.1178, 52.6642



61.0281, 53.1178, 83.3802



45.9968, 53.1178, 30.2989

Square

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



61.0281, 53.1178, 83.3802



58.7578, 53.1178, 33.8994



41.2353, 53.1178, 38.1278



43.0310, 53.1178, 91.0064

Rectangle

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



61.0281, 53.1178, 83.3802



63.8954, 53.1178, 50.9142



41.2353, 53.1178, 38.1278



39.0991, 53.1178, 65.3589

Sweetspot

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



61.0298, 53.1201, 83.3813



88.6688, 88.6462, 107.0448



50.1005, 49.9785, 83.3510



18.8663, 18.7748, 22.8795



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.



61.0298, 53.1201, 83.3813



72.6293, 60.6782, 102.4918



60.9811, 53.3938, 69.8782



14.7783, 14.5034, 18.1649



21.1356, 9.9617, 43.1920



1.6184, 0.7653, 3.1944

Inverse Universe

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



57.7597, 52.1053, 52.9145



68.0335, 59.2694, 58.8848



56.9823, 71.0586, 63.0885



14.4620, 14.4020, 15.3672



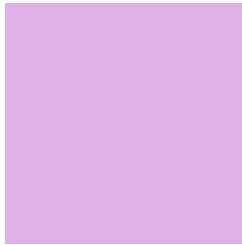
18.6611, 9.5987, 1.8443



1.4059, 0.7201, 0.2779

Previews

White Background



This preview shows how the XYZ color 61.0281, 53.1178, 83.3802 looks on a white background.

Color Contrast Check

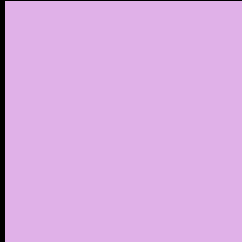
Large Text (above 18pt) WCAG AA × Fail

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 61.0281, 53.1178, 83.3802 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

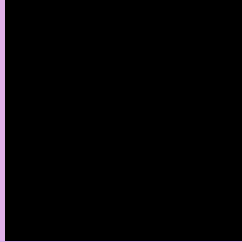
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.0281, 53.1178, 83.3802

Background



This preview shows how black text looks on a background with the XYZ color 61.0281, 53.1178, 83.3802.



This preview shows how white text looks on a background with the XYZ color 61.0281, 53.1178,

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

61.0281, 53.1178, 83.3802

Protanopia

53.7139, 53.4962, 91.4992

Deuteranopia

54.7287, 53.5777, 82.3199



Tritanopia

56.3399, 53.0043, 60.6875

Trichromacy



Original Color

61.0281, 53.1178, 83.3802

Protanomaly

56.0175, 53.1612, 88.1976

Deuteranomaly

56.9496, 53.4466, 82.9160

Tritanomaly

57.9755, 53.0730, 68.1612

Monochromacy



Original Color

61.0281, 53.1178, 83.3802

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

55.7784, 54.7455, 68.5999

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.0281, 53.1178, 83.3802 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(224, 177, 232)` looks like.

```
.text, #text, p{  
    color:rgb(224, 177, 232)  
}
```

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(224, 177, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 177, 232) }
```

Border

The CSS property to change the border of an element to XYZ 61.0281, 53.1178, 83.3802 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(224, 177, 232) }
```


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

```
.border{ border-color:rgb(224, 177, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 177, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 177, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 177, 232);  
box-shadow:4px 4px 4px 4px rgb(224, 177,  
232) }
```

Background

The CSS property to change the background color of an element to XYZ 61.0281, 53.1178, 83.3802 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 177, 232) }
```

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

```
.background{ background-color: rgb(224,  
177, 232) }
```

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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