

Converting Colors

XYZ(61.2128, 51.9999, 86.5532)

Have a look what the booklet for
XYZ(61.2128, 51.9999, 86.5532)
contains.

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Color

**XYZ(61.2810, 52.0091,
86.9297)**

Conversions

Conversions Part 1

Format	Color
Hex	E1ADED
RGB	225, 173, 237
RGB Percent	88%, 68%, 93%
CMY	0.1176, 0.3215, 0.0706
CMYK	0.05, 0.27, 0.00, 0.07
HSL	289°, 64%, 80%
HSV	289°, 27%, 93%
XYZ	61.2810, 52.0091, 86.9297
YIQ	195.8440, 10.4480, 30.9280

Conversions

Conversions Part 2

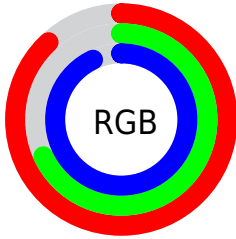
Format	Color
R _Y B	225, 173, 237
Decimal	14790125
CIE Lab	77.29, 29.85, -24.70
CIE LCh	77, 38.746, 320.397
Yxy	52.0091, 0.3061, 0.2598
Android (android.graphics.Color)	4292980205 (0xFFE1ADED)
YUV	195.8440, 20.2899, 25.5698
Hunter-Lab	72.1173, 25.4733, -20.9856

Details

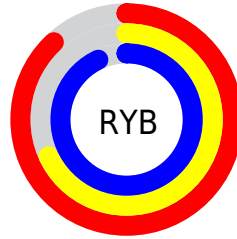
The XYZ color **61.2810, 52.0091, 86.9297** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **57.8363, 73.9011, 50.7536**, and the grayscale version is **52.2552, 54.9766, 59.8695**.

A 20% lighter version of the original color is **87.3093, 84.5186, 106.3198**, and **31.4191, 25.2042, 46.9250** is the 20% darker color. If you saturate the color by 10%, you get **55.7664, 43.0088, 85.4839**, and if you desaturate by 10%, it is **67.6410, 62.6445, 88.6481**.

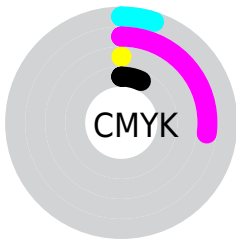
Distribution



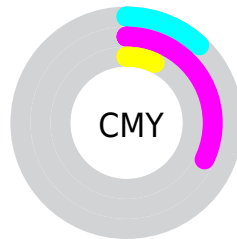
- Red (88%)
- Green (68%)
- Blue (93%)



- Red (88%)
- Yellow (68%)
- Blue (93%)



- Cyan (5%)
- Magenta (27%)
- Yellow (0%)
- Black (7%)





- Cyan (12%)
- Magenta (32%)
- Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 61.2810, 52.0091, 86.9297 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 61.2810, 52.0091, 86.9297 by changing the saturation by 10% instead.

 61.2810, 52.0091,
86.9297

 61.2810, 52.0091,
86.9297

419.0630,
394.4717, 538.3020

 44.7054, 37.0123,
64.8777


 105.7815, 93.1447,
144.9642

 31.4257, 25.2170,
46.9112


134.4371,
120.0522, 181.7837

 21.0767, 16.2388,
32.6116


167.8501,
151.6989, 224.3629

 13.2928, 9.6933,
21.5604

206.3858,
188.4690, 273.1203

 7.7089, 5.1961,
13.3390

250.4096,
230.7469, 328.4743

 3.9595, 2.3628,
7.5290

300.2868,

 1.6792, 0.8066,

278.9171, 390.8436

3.7116

356.3828,
333.3639, 460.6467

■ 0.4432, 0.0000,
1.4685

■ 0.0000, 0.0000,
0.1943

■ 61.2810, 52.0091,
86.9297

■ 61.2810, 52.0091,
86.9297

■ 55.7664, 43.0088,
85.4839

■ 67.6410, 62.6445,
88.6481

■ 51.0494, 35.5516,
84.2931

■ 74.8812, 74.9875,
90.6489

■ 47.0848, 29.5466,
83.3430

■ 83.0404, 89.1140,
92.9456

■ 43.8208, 24.8905,
82.6163

■ 87.9314, 96.6495,
94.1423

41.1986, 21.4661,
82.0935

89.4818, 97.4488,
94.2149

39.1494, 19.1362,
81.7518

91.0696, 98.2673,
94.2892

37.5848, 17.7243,
81.5618

92.2862, 98.8945,
94.3461

37.1675, 17.3947,
81.5202

Harmonies

Analogous

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



54.5826, 52.0091, 104.3027



61.2810, 52.0091, 86.9297



64.9041, 52.0091, 63.7347

Triad

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



61.2810, 52.0091, 86.9297



51.8556, 52.0091, 25.1024



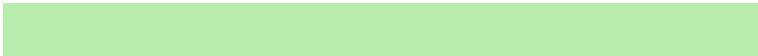
37.2122, 52.0091, 72.1235

Complementary

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



61.2810, 52.0091, 86.9297



57.8363, 73.9011, 50.7536

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.



36.6394, 52.0091, 50.0722



61.2810, 52.0091, 86.9297



44.6181, 52.0091, 26.2787

Square

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



61.2810, 52.0091, 86.9297



59.1137, 52.0091, 30.5872



39.2201, 52.0091, 34.3413



40.8716, 52.0091, 94.3764

Rectangle

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



61.2810, 52.0091, 86.9297



64.8629, 52.0091, 49.5599



39.2201, 52.0091, 34.3413



36.6676, 52.0091, 64.3403

Sweetspot

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



61.2826, 52.0113, 86.9308



87.4907, 86.9496, 106.7794



50.0385, 50.0346, 87.1419



18.4391, 18.1181, 22.7752



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.



61.2826, 52.0113, 86.9308



68.9039, 55.7336, 101.7338



62.4989, 52.9453, 73.1194



15.4219, 15.1627, 19.0361



20.3968, 9.5509, 44.5114



1.6731, 0.7868, 3.4986

Inverse Universe

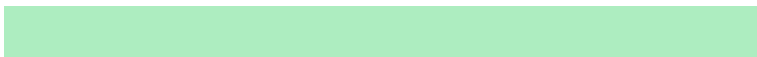
The Inverse Universe completely reimagines the original color for something new.



58.6273, 51.3966, 52.7317



65.4131, 54.9619, 55.1345



57.0562, 73.2686, 61.1227



15.1808, 15.1002, 16.2376



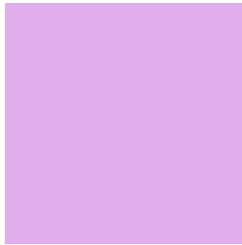
19.3557, 9.9450, 2.4087



1.5523, 0.7939, 0.3597

Previews

White Background



This preview shows how the XYZ color 61.2810, 52.0091, 86.9297 looks on a white background.

Color Contrast Check

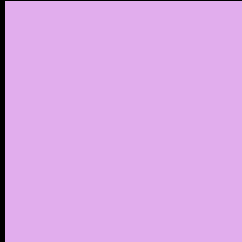
Large Text (above 18pt) WCAG AA × Fail

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 61.2810, 52.0091, 86.9297 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

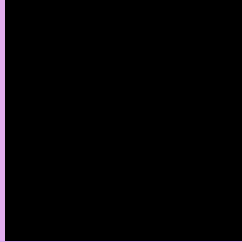
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.2810, 52.0091, 86.9297

Background



This preview shows how black text looks on a background with the XYZ color 61.2810, 52.0091, 86.9297.



This preview shows how white text looks on a background with the XYZ color 61.2810, 52.0091,

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

61.2810, 52.0091, 86.9297

Protanopia

52.8201, 52.2865, 96.1153

Deuteranopia

53.3606, 52.1725, 85.0998



Tritanopia

55.5876, 52.0479, 58.7462

Trichromacy



Original Color

61.2810, 52.0091, 86.9297



Protanomaly

55.2549, 51.7361, 92.6618



Deuteranomaly

55.8107, 51.8716, 85.6679



Tritanomaly

57.3720, 51.8661, 67.9601

Monochromacy



Original Color

61.2810, 52.0091, 86.9297



Achromatopsia

52.4687, 55.2011, 60.1140



Achromatomaly

55.4732, 53.9350, 69.1148

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.2810, 52.0091, 86.9297 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(225, 173, 237)` looks like.

```
.text, #text, p{  
    color:rgb(225, 173, 237)  
}
```

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(225, 173, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 173, 237) }
```

Border

The CSS property to change the border of an element to XYZ 61.2810, 52.0091, 86.9297 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(225, 173, 237) }
```


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

```
.border{ border-color:rgb(225, 173, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 173, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 173, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 173, 237);  
box-shadow:4px 4px 4px 4px rgb(225, 173,  
237) }
```

Background

The CSS property to change the background color of an element to XYZ 61.2810, 52.0091, 86.9297 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 173, 237) }
```

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

```
.background{ background-color: rgb(225,  
173, 237) }
```

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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