

Converting Colors

XYZ(61.9169, 53.9904, 77.1585)

Have a look what the booklet for
XYZ(61.9169, 53.9904, 77.1585)
contains.

XYZ(61.8728, 53.9915, 76.9724)	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(61.8728, 53.9915,
76.9724)**

Conversions

Conversions Part 1

Format	Color
Hex	E6B2DF
RGB	230, 178, 223
RGB Percent	90%, 70%, 87%
CMY	0.0980, 0.3019, 0.1255
CMYK	0.00, 0.23, 0.03, 0.10
HSL	308°, 51%, 80%
HSV	308°, 23%, 90%
XYZ	61.8728, 53.9915, 76.9724
YIQ	198.6780, 16.5470, 25.0190

Conversions

Conversions Part 2

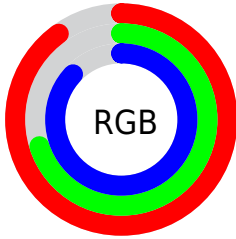
Format	Color
R _Y B	230, 178, 223
Decimal	15119071
CIE Lab	78.46, 26.19, -15.31
CIE LCh	78, 30.339, 329.697
Yxy	53.9915, 0.3209, 0.2800
Android (android.graphics.Color)	4293309151 (0xFFE6B2DF)
YUV	198.6780, 11.9907, 27.4694
Hunter-Lab	73.4789, 21.7176, -10.6737

Details

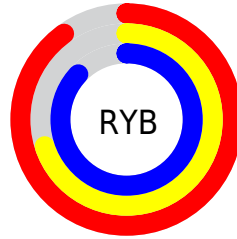
The XYZ color **61.8728, 53.9915, 76.9724** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **55.4160, 69.5630, 56.4082**, and the grayscale version is **54.0128, 56.8257, 61.8832**.

A 20% lighter version of the original color is **88.7128, 87.3256, 106.7876**, and **31.8571, 26.4931, 40.4804** is the 20% darker color. If you saturate the color by 10%, you get **57.2614, 45.4299, 73.3948**, and if you desaturate by 10%, it is **67.2623, 64.0954, 80.8483**.

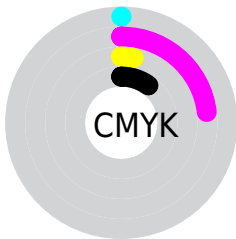
Distribution



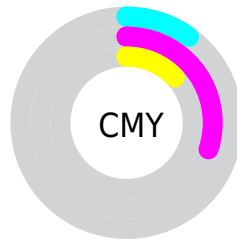
- Red (90%)
- Green (70%)
- Blue (87%)



- Red (90%)
- Yellow (70%)
- Blue (87%)



- Cyan (0%)
- Magenta (23%)
- Yellow (3%)
- Black (10%)





- Cyan (10%)
- Magenta (30%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 61.8728, 53.9915, 76.9724 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 61.8728, 53.9915, 76.9724 by changing the saturation by 10% instead.


 61.8728, 53.9915,
76.9724

 61.8728, 53.9915,
76.9724

421.1919,
402.0776, 504.1051

 45.1851, 38.5949,
56.7188

 106.6326, 96.0618,
130.8732

 31.8052, 26.4447,
40.3717


135.4355,
123.5042, 165.3574

 21.3676, 17.1566,
27.5125

169.0076,
155.7307, 205.4223

 13.5069, 10.3462,
17.7226

207.7140,
193.1256, 251.4864

 7.8579, 5.6291,
10.5837

251.9204,
236.0733, 303.9681

 4.0552, 2.6209,
5.6770

301.9919,

 1.7334, 0.9372,

284.9583, 363.2861

2.5841

358.2940,
340.1650, 429.8589

■ 0.4771, 0.0000,
0.8842

■ 0.0000, 0.0000,
0.0000

■ 61.8728, 53.9915,
76.9724

■ 61.8728, 53.9915,
76.9724

■ 57.2614, 45.4299,
73.3948

■ 67.2623, 64.0954,
80.8483

■ 53.3849, 38.3269,
70.0990

■ 73.4607, 75.8055,
85.0311

■ 50.2035, 32.6018,
67.0722

■ 80.5029, 89.1909,
89.5332

■ 47.6714, 28.1634,
64.2989

■ 83.4450, 94.3638,
92.7068

45.7373, 24.9091,
61.7618

83.8973, 94.5447,
95.0890

44.3423, 22.7210,
59.4411

84.3576, 94.7288,
97.5125

43.4150, 21.4566,
57.3127

84.8256, 94.9160,
99.9774

42.9466, 20.9484,
55.8349

85.3016, 95.1064,
102.4840

85.7856, 95.3000,
105.0324

Harmonies

Analogous

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



57.2131, 53.9915, 92.1949



61.8728, 53.9915, 76.9724



63.6653, 53.9915, 58.9614

Triad

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



61.8728, 53.9915, 76.9724



51.3780, 53.9915, 31.6734



41.9832, 53.9915, 76.6129

Complementary

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



61.8728, 53.9915, 76.9724



55.4160, 69.5630, 56.4082

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.



40.6790, 53.9915, 58.6140



61.8728, 53.9915, 76.9724



45.8411, 53.9915, 34.6171

Square

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



61.8728, 53.9915, 76.9724



57.3261, 53.9915, 34.7393



42.0362, 53.9915, 43.7193



45.7437, 53.9915, 91.9606

Rectangle

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



61.8728, 53.9915, 76.9724



62.8936, 53.9915, 48.3946



42.0362, 53.9915, 43.7193



41.2565, 53.9915, 70.5711

Sweetspot

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



61.8744, 53.9939, 76.9736



89.2331, 88.9815, 105.0642



50.1972, 47.8627, 81.4566



18.9974, 18.8528, 22.4193



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.



61.8744, 53.9939, 76.9736



75.4238, 63.0783, 95.1723



58.6411, 52.7006, 59.9472



14.9072, 14.5801, 17.7119



24.3469, 11.8730, 31.7854



1.8224, 0.8867, 2.4712

Inverse Universe

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



61.8744, 53.9939, 76.9736



75.4238, 63.0783, 95.1723



58.4084, 70.7599, 72.1656



14.9072, 14.5801, 17.7119



24.3469, 11.8730, 31.7854



1.8224, 0.8867, 2.4712

Previews

White Background



This preview shows how the XYZ color 61.8728, 53.9915, 76.9724 looks on a white background.

Color Contrast Check

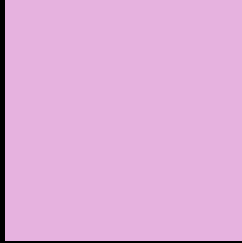
Large Text (above 18pt) WCAG AA × Fail

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 61.8728, 53.9915, 76.9724 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

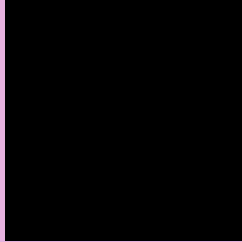
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.8728, 53.9915, 76.9724

Background



This preview shows how black text looks on a background with the XYZ color 61.8728, 53.9915, 76.9724.



This preview shows how white text looks on a background with the XYZ color 61.8728, 53.9915,

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

61.8728, 53.9915, 76.9724

Protanopia

54.0276, 54.4622, 84.7555

Deuteranopia

55.3361, 54.0332, 75.9195



Tritanopia

58.3756, 54.0669, 60.1826

Trichromacy



Original Color

61.8728, 53.9915, 76.9724



Protanomaly

56.4832, 54.1801, 81.6096



Deuteranomaly

57.6852, 53.9689, 76.4839



Tritanomaly

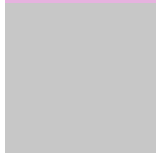
59.3430, 53.8349, 65.6560

Monochromacy



Original Color

61.8728, 53.9915, 76.9724



Achromatopsia

54.2854, 57.1125, 62.1955



Achromatomaly

56.5943, 55.5173, 67.4076

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.8728, 53.9915, 76.9724 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(230, 178, 223)` looks like.

```
.text, #text, p{  
    color:rgb(230, 178, 223)  
}
```

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(230, 178, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 178, 223) }
```

Border

The CSS property to change the border of an element to XYZ 61.8728, 53.9915, 76.9724 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(230, 178, 223) }
```


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

```
.border{ border-color:rgb(230, 178, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 178, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 178, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 178, 223);  
box-shadow:4px 4px 4px 4px rgb(230, 178,  
223) }
```

Background

The CSS property to change the background color of an element to XYZ 61.8728, 53.9915, 76.9724 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 178, 223) }
```

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

```
.background{ background-color: rgb(230,  
178, 223) }
```

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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