

Converting Colors

XYZ(60.9417, 60.4201, 79.2362)

Have a look what the booklet for
XYZ(60.9417, 60.4201, 79.2362)
contains.

XYZ(60.9728, 60.5393, 78.9926)	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(60.9728, 60.5393,
78.9926)**

Conversions

Conversions Part 1

Format	Color
Hex	D3C8E0
RGB	211, 200, 224
RGB Percent	83%, 78%, 88%
CMY	0.1725, 0.2157, 0.1216
CMYK	0.06, 0.11, 0.00, 0.12
HSL	267°, 28%, 83%
HSV	267°, 11%, 88%
XYZ	60.9728, 60.5393, 78.9926
YIQ	206.0250, -1.1480, 9.7960

Conversions

Conversions Part 2

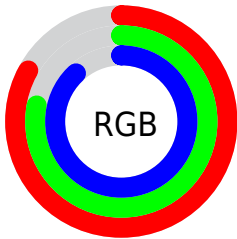
Format	Color
R _{YB}	211, 200, 224
Decimal	13879520
CIE Lab	82.13, 8.25, -10.52
CIE LCh	82, 13.367, 308.097
Yxy	60.5393, 0.3041, 0.3019
Android (android.graphics.Color)	4292069600 (0xFFD3C8E0)
YUV	206.0250, 8.8617, 4.3631
Hunter-Lab	77.8070, 3.7178, -5.7285

Details

The XYZ color **60.9728, 60.5393, 78.9926** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **64.5238, 71.6291, 65.0717**, and the grayscale version is **58.6294, 61.6827, 67.1724**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **31.1506, 30.4903, 41.7795** is the 20% darker color. If you saturate the color by 10%, you get **52.8145, 49.1896, 77.2328**, and if you desaturate by 10%, it is **70.1572, 73.5496, 81.0207**.

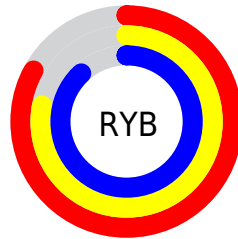
Distribution



Red (83%)

Green (78%)

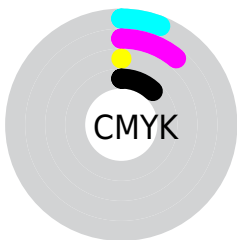
Blue (88%)



Red (83%)

Yellow (78%)

Blue (88%)

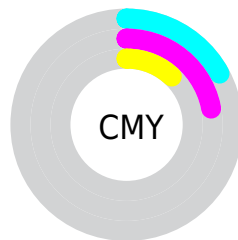


Cyan (6%)

Magenta (11%)

Yellow (0%)

Black (12%)



Cyan (17%)

Magenta (22%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.9728, 60.5393, 78.9926 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 60.9728, 60.5393, 78.9926 by changing the saturation by 10% instead.

60.9728, 60.5393,
78.9926

60.9728, 60.5393,
78.9926

417.9518,
426.5828, 511.1483

44.4557, 43.8535,
58.3684

105.3379,
105.6116, 133.7470

31.2283, 30.5553,
41.6883

133.9166,
134.7669, 168.7144

20.9255, 20.2605,
28.5335

167.2465,
168.8474, 209.2998

13.1817, 12.5845,
18.4857

205.6929,
208.2376, 255.9220

7.6316, 7.1431,
11.1262

249.6214,
253.3218, 308.9994

3.9100, 3.5517,
6.0366

299.3971,

1.6513, 1.4261,

304.4845, 368.9505

2.7982

355.3854,
362.1100, 436.1940

■ 0.4255, 0.2359,
0.9925

■ 0.0000, 0.0000,
0.0000

■ 60.9728, 60.5393,
78.9926

■ 60.9728, 60.5393,
78.9926

■ 52.8145, 49.1896,
77.2328

■ 70.1572, 73.5496,
81.0207

■ 45.6382, 39.4238,
75.7260

■ 80.3989, 88.2773,
83.3236

■ 39.4044, 31.1709,
74.4616

■ 87.7159, 96.7500,
84.5734

■ 34.0688, 24.3511,
73.4265

■ 90.4547, 98.1619,
84.7015

■ 29.5828, 18.8772,
72.6064

■ 25.8930, 14.6519,
71.9853

■ 22.9387, 11.5645,
71.5451

■ 20.6487, 9.4833,
71.2640

■ 19.0085, 8.2449,
71.1115

Harmonies

Analogous

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



58.3126, 60.5393, 82.6264



60.9728, 60.5393, 78.9926



62.7522, 60.5393, 71.9186

Triad

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



60.9728, 60.5393, 78.9926



59.5999, 60.5393, 52.4577



52.3070, 60.5393, 68.1423

Complementary

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



60.9728, 60.5393, 78.9926



64.5238, 71.6291, 65.0717

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.



52.6262, 60.5393, 60.2590



60.9728, 60.5393, 78.9926



56.7758, 60.5393, 51.6274

Square

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



60.9728, 60.5393, 78.9926



61.9416, 60.5393, 56.7395



54.2400, 60.5393, 54.3703



53.3535, 60.5393, 76.0344

Rectangle

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



60.9728, 60.5393, 78.9926



63.1672, 60.5393, 66.4371



54.2400, 60.5393, 54.3703



52.2588, 60.5393, 65.3997

Sweetspot

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



60.9746, 60.5419, 78.9939



91.1496, 94.4382, 108.0320



61.1208, 65.3526, 79.9148



19.2913, 19.9031, 23.0749



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.



60.9746, 60.5419, 78.9939



79.0704, 77.3946, 105.3789



64.4804, 62.3492, 79.1580



13.5459, 13.5494, 17.2890



11.1934, 4.8657, 41.3976



0.8782, 0.3900, 2.8742

Inverse Universe

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



63.4071, 61.9627, 71.5719



83.0212, 79.7028, 93.2974



61.2244, 69.9282, 64.9173



14.0162, 13.8241, 15.8556



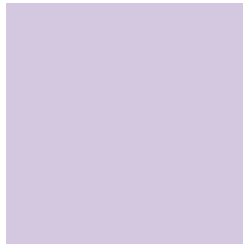
19.9732, 10.0563, 11.7907



1.4295, 0.7151, 1.0545

Previews

White Background



This preview shows how the XYZ color 60.9728, 60.5393, 78.9926 looks on a white background.

Color Contrast Check

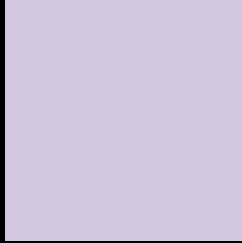
Large Text (above 18pt) WCAG AA × Fail

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 60.9728, 60.5393, 78.9926 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

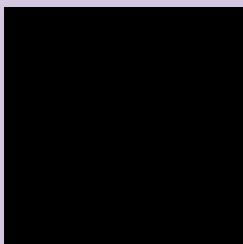
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.9728, 60.5393, 78.9926

Background



This preview shows how black text looks on a background with the XYZ color 60.9728, 60.5393, 78.9926.



This preview shows how white text looks on a background with the XYZ color 60.9728, 60.5393,

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

60.9728, 60.5393, 78.9926

Protanopia

59.4405, 60.7594, 80.5464

Deuteranopia

61.9023, 60.6757, 78.9700



Tritanopia

59.9894, 60.4847, 74.1586

Trichromacy



Original Color

60.9728, 60.5393, 78.9926

Protanomaly

59.8880, 60.6564, 79.7856

Deuteranomaly

61.6095, 60.5248, 78.9563

Tritanomaly

60.3833, 60.6422, 76.2327

Monochromacy



Original Color

60.9728, 60.5393, 78.9926

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

59.6155, 61.3997, 71.6600

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.9728, 60.5393, 78.9926 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(211, 200, 224) looks like.

```
.text, #text, p{  
    color:rgb(211, 200, 224)  
}
```

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(211, 200, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 200, 224) }
```

Border

The CSS property to change the border of an element to XYZ 60.9728, 60.5393, 78.9926 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(211, 200, 224) }
```


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

```
.border{ border-color:rgb(211, 200, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 200, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 200, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 200, 224);  
box-shadow:4px 4px 4px 4px rgb(211, 200,  
224) }
```

Background

The CSS property to change the background color of an element to XYZ 60.9728, 60.5393, 78.9926 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 200, 224) }
```

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

```
.background{ background-color: rgb(211,  
200, 224) }
```

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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