

Converting Colors

XYZ(62.4907, 59.2639, 89.0170)

Have a look what the booklet for
XYZ(62.4907, 59.2639, 89.0170)
contains.

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Color

**XYZ(62.6793, 59.4994,
89.0699)**

Conversions

Conversions Part 1

Format	Color
Hex	D6C3EE
RGB	214, 195, 238
RGB Percent	84%, 76%, 93%
CMY	0.1608, 0.2353, 0.0667
CMYK	0.10, 0.18, 0.00, 0.07
HSL	267°, 56%, 85%
HSV	267°, 18%, 93%
XYZ	62.6793, 59.4994, 89.0699
YIQ	205.5830, -2.4790, 17.4010

Conversions

Conversions Part 2

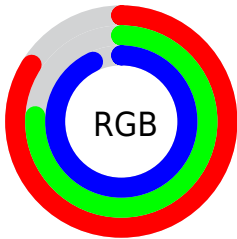
Format	Color
R _Y B	214, 195, 238
Decimal	14074862
CIE Lab	81.57, 14.67, -18.83
CIE LCh	82, 23.871, 307.917
Yxy	59.4994, 0.2967, 0.2817
Android (android.graphics.Color)	4292264942 (0xFFD6C3EE)
YUV	205.5830, 15.9816, 7.3817
Hunter-Lab	77.1359, 10.0584, -14.4679

Details

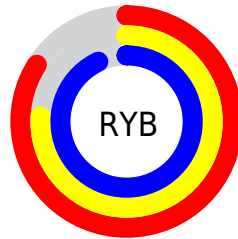
The XYZ color **62.6793, 59.4994, 89.0699** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **69.6403, 80.1508, 63.4328**, and the grayscale version is **58.3037, 61.3400, 66.7992**.

A 20% lighter version of the original color is **94.1004, 98.1008, 108.5835**, and **32.2664, 29.7981, 48.3069** is the 20% darker color. If you saturate the color by 10%, you get **54.0460, 47.7547, 87.2589**, and if you desaturate by 10%, it is **72.4824, 73.1119, 91.1816**.

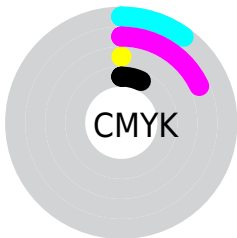
Distribution



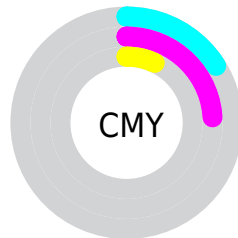
- Red (84%)
- Green (76%)
- Blue (93%)



- Red (84%)
- Yellow (76%)
- Blue (93%)



- Cyan (10%)
- Magenta (18%)
- Yellow (0%)
- Black (7%)



- Cyan (16%)
- Magenta (24%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.6793, 59.4994, 89.0699 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 62.6793, 59.4994, 89.0699 by changing the saturation by 10% instead.

62.6793, 59.4994,
89.0699

62.6793, 59.4994,
89.0699

424.0828,
422.7501, 545.4924

45.8395, 43.0153,
66.6401

107.7911,
104.1031, 147.9700

32.3233, 29.8971,
48.3325

136.7938,
132.9915, 185.2774

21.7653, 19.7605,
33.7284

170.5816,
166.7835, 228.3810

13.8002, 12.2211,
22.4093

209.5197,
205.8633, 277.6995

8.0626, 6.8944,
13.9568

253.9735,
250.6156, 333.6513

4.1872, 3.3962,
7.9522

304.3084,

1.8086, 1.3419,

301.4245, 396.6551

3.9771

360.8897,
358.6745, 467.1293

■ 0.5228, 0.1733,
1.6128

■ 0.0000, 0.0000,
0.2999

■ 62.6793, 59.4994,
89.0699

■ 62.6793, 59.4994,
89.0699

■ 54.0460, 47.7547,
87.2589

■ 72.4824, 73.1119,
91.1816

■ 46.5292, 37.7861,
85.7309

■ 83.4946, 88.6634,
93.6030

■ 40.0797, 29.5052,
84.4725

■ 92.0129, 98.7366,
95.0983

■ 34.6419, 22.8130,
83.4674

■ 92.4328, 98.9531,
95.1180

■ 30.1545, 17.5994,
82.6976

■ 26.5487, 13.7400,
82.1427

■ 23.7445, 11.0887,
81.7787

■ 21.6340, 9.4441,
81.5725

■ 21.2770, 9.1859,
81.5415

Harmonies

Analogous

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



57.8893, 59.4994, 96.1221



62.6793, 59.4994, 89.0699



65.9539, 59.4994, 75.7166

Triad

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



62.6793, 59.4994, 89.0699



60.2507, 59.4994, 42.4408



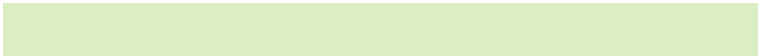
47.5401, 59.4994, 68.6585

Complementary

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



62.6793, 59.4994, 89.0699



69.6403, 80.1508, 63.4328

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.



48.0897, 59.4994, 54.9592



62.6793, 59.4994, 89.0699



55.2362, 59.4994, 41.1268

Square

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



62.6793, 59.4994, 89.0699



64.4951, 59.4994, 49.2709



50.8384, 59.4994, 45.3714



49.2901, 59.4994, 83.2547

Rectangle

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



62.6793, 59.4994, 89.0699



66.7327, 59.4994, 65.7923



50.8384, 59.4994, 45.3714



47.4640, 59.4994, 63.7875

Sweetspot

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



62.6811, 59.5019, 89.0712



88.5467, 90.8083, 107.4686



63.3677, 68.6318, 90.7973



18.7632, 19.1702, 22.9612



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.



62.6811, 59.5019, 89.0712



69.0940, 63.8182, 103.2842



69.2544, 62.8906, 89.3788



15.5601, 15.5705, 19.9069



12.0136, 5.1986, 45.4981



1.1119, 0.4905, 3.7903

Inverse Universe

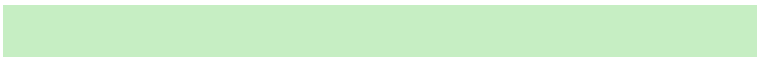
The Inverse Universe completely reimagines the original color for something new.



67.5631, 62.3244, 75.4893



75.9533, 67.7860, 84.1007



63.6805, 77.0784, 63.1539



16.1422, 15.9066, 18.3051



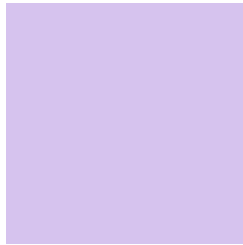
22.0936, 11.1099, 13.6752



1.8880, 0.9442, 1.4008

Previews

White Background



This preview shows how the XYZ color 62.6793, 59.4994, 89.0699 looks on a white background.

Color Contrast Check

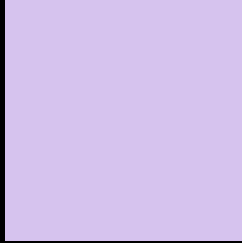
Large Text (above 18pt) WCAG AA × Fail

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 62.6793, 59.4994, 89.0699 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

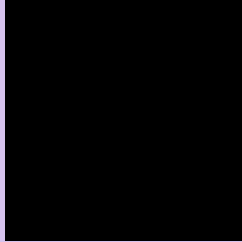
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 62.6793, 59.4994, 89.0699

Background



This preview shows how black text looks on a background with the XYZ color 62.6793, 59.4994, 89.0699.



This preview shows how white text looks on a background with the XYZ color 62.6793, 59.4994,

89.0699.

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

62.6793, 59.4994, 89.0699

Protanopia

59.1618, 59.6534, 92.4005

Deuteranopia

60.9337, 59.6244, 88.4179



Tritanopia

59.2675, 59.4548, 72.6422

Trichromacy



Original Color

62.6793, 59.4994, 89.0699

Protanomaly

60.3880, 59.6152, 91.5432

Deuteranomaly

61.5468, 59.6022, 88.3813

Tritanomaly

60.3773, 59.5648, 78.1270

Monochromacy



Original Color

62.6793, 59.4994, 89.0699

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

60.0699, 60.8583, 74.9105

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.6793, 59.4994, 89.0699 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(214, 195, 238)` looks like.

```
.text, #text, p{  
    color:rgb(214, 195, 238)  
}
```

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(214, 195, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 195, 238) }
```

Border

The CSS property to change the border of an element to XYZ 62.6793, 59.4994, 89.0699 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(214, 195, 238) }
```


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

```
.border{ border-color:rgb(214, 195, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 195, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 195, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 195, 238);  
box-shadow:4px 4px 4px 4px rgb(214, 195,  
238) }
```

Background

The CSS property to change the background color of an element to XYZ 62.6793, 59.4994, 89.0699 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 195, 238) }
```

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

```
.background{ background-color: rgb(214,  
195, 238) }
```

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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