

Converting Colors

XYZ(62.4947, 59.3312, 89.3943)

Have a look what the booklet for
XYZ(62.4947, 59.3312, 89.3943)
contains.

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Color

**XYZ(62.3883, 59.3494,
89.0563)**

Conversions

Conversions Part 1

Format	Color
Hex	D5C3EE
RGB	213, 195, 238
RGB Percent	84%, 76%, 93%
CMY	0.1647, 0.2353, 0.0667
CMYK	0.11, 0.18, 0.00, 0.07
HSL	265°, 56%, 85%
HSV	265°, 18%, 93%
XYZ	62.3883, 59.3494, 89.0563
YIQ	205.2840, -3.0750, 17.1890

Conversions

Conversions Part 2

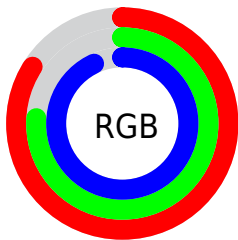
Format	Color
R _Y B	213, 195, 238
Decimal	14009326
CIE Lab	81.48, 14.35, -18.96
CIE LCh	81, 23.781, 307.112
Yxy	59.3494, 0.2960, 0.2816
Android (android.graphics.Color)	4292199406 (0xFFD5C3EE)
YUV	205.2840, 16.1290, 6.7669
Hunter-Lab	77.0386, 9.7375, -14.6120

Details

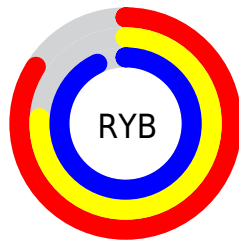
The XYZ color **62.3883, 59.3494, 89.0563** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **69.9421, 80.3064, 63.4469**, and the grayscale version is **58.1126, 61.1389, 66.5803**.

A 20% lighter version of the original color is **94.1004, 98.1008, 108.5835**, and **32.0689, 29.6963, 48.2977** is the 20% darker color. If you saturate the color by 10%, you get **53.6311, 47.5409, 87.2395**, and if you desaturate by 10%, it is **72.3415, 73.0393, 91.1750**.

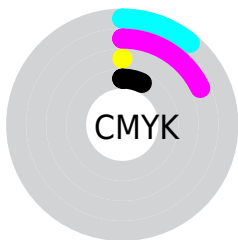
Distribution



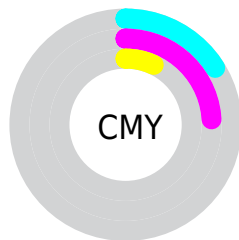
- Red (84%)
- Green (76%)
- Blue (93%)



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



- Cyan (11%)
- Magenta (18%)
- Yellow (0%)
- Black (7%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.3883, 59.3494, 89.0563 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 62.3883, 59.3494, 89.0563 by changing the saturation by 10% instead.

62.3883, 59.3494,
89.0563

62.3883, 59.3494,
89.0563

423.0411,
422.1955, 545.4469

45.6033, 42.8944,
66.6289

107.3733,
103.8853, 147.9509

32.1362, 29.8023,
48.3234

136.3040,
132.7351, 185.2552

21.6216, 19.6886,
33.7213

170.0141,
166.4852, 228.3555

13.6942, 12.1689,
22.4039

208.8688,
205.5201, 277.6705

7.9885, 6.8588,
13.9529

253.2334,
250.2242, 333.6185

4.1394, 3.3739,
7.9495

303.4735,

1.7813, 1.3299,

300.9819, 396.6183

3.9753

359.9543,
358.1775, 467.0882

■ 0.5063, 0.1642,
1.6118

■ 0.0000, 0.0000,
0.2992

■ 62.3883, 59.3494,
89.0563

■ 62.3883, 59.3494,
89.0563

■ 53.6311, 47.5409,
87.2395

■ 72.3415, 73.0393,
91.1750

■ 46.0159, 37.5215,
85.7069

■ 83.5311, 88.6823,
93.6047

■ 39.4921, 29.2023,
84.4450

■ 92.2549, 98.8614,
95.1097

■ 34.0030, 22.4836,
83.4375

■ 92.4328, 98.9531,
95.1180

■ 29.4863, 17.2550,
82.6663

■ 25.8719, 13.3911,
82.1110

■ 23.0783, 10.7453,
81.7475

■ 20.9961, 9.1153,
81.5427

■ 20.6466, 8.8609,
81.5120

Harmonies

Analogous

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



57.6039, 59.3494, 95.8403



62.3883, 59.3494, 89.0563



65.7014, 59.3494, 75.8875

Triad

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



62.3883, 59.3494, 89.0563



60.2175, 59.3494, 42.5022



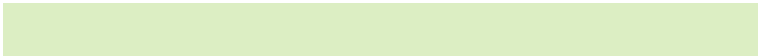
47.4296, 59.3494, 68.0772

Complementary

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



62.3883, 59.3494, 89.0563



69.9421, 80.3064, 63.4469

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.



48.0383, 59.3494, 54.5294



62.3883, 59.3494, 89.0563



55.2323, 59.3494, 41.0455

Square

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



62.3883, 59.3494, 89.0563



64.3975, 59.3494, 49.4438



50.8260, 59.3494, 45.1227



49.1116, 59.3494, 82.6248

Rectangle

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



62.3883, 59.3494, 89.0563



66.5262, 59.3494, 66.0133



50.8260, 59.3494, 45.1227



47.3748, 59.3494, 63.2492

Sweetspot

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



62.3901, 59.3519, 89.0576



88.4417, 90.7542, 107.4637



63.5555, 69.0074, 90.8599



18.7377, 19.1571, 22.9600



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.



62.3901, 59.3519, 89.0576



68.6918, 63.6108, 103.2654



69.0181, 62.7687, 89.3678



15.5242, 15.5520, 19.9052



11.6584, 5.0155, 45.4815



1.0808, 0.4744, 3.7888

Inverse Universe

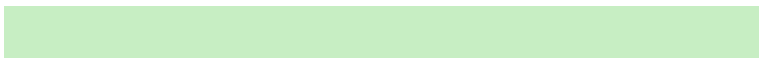
The Inverse Universe completely reimagines the original color for something new.



67.6953, 62.3772, 76.1850



76.1375, 67.8597, 85.0707



63.8697, 77.1759, 63.1627



16.1582, 15.9130, 18.3893



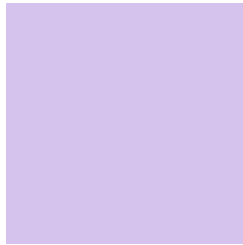
22.3121, 11.1973, 14.8262



1.9057, 0.9513, 1.4941

Previews

White Background



This preview shows how the XYZ color 62.3883, 59.3494, 89.0563 looks on a white background.

Color Contrast Check

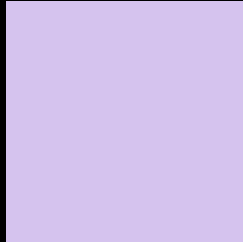
Large Text (above 18pt) WCAG AA × Fail

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 62.3883, 59.3494, 89.0563 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

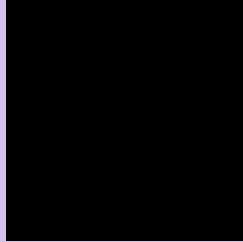
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 62.3883, 59.3494, 89.0563

Background



This preview shows how black text looks on a background with the XYZ color 62.3883, 59.3494, 89.0563.



This preview shows how white text looks on a background with the XYZ color 62.3883, 59.3494,

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

62.3883, 59.3494, 89.0563

Protanopia

59.1618, 59.6534, 92.4005

Deuteranopia

60.6570, 59.4817, 88.4049



Tritanopia

58.9837, 59.3085, 72.6289

Trichromacy



Original Color

62.3883, 59.3494, 89.0563

Protanomaly

60.3880, 59.6152, 91.5432

Deuteranomaly

61.2647, 59.4568, 88.3681

Tritanomaly

60.0917, 59.4175, 78.1136

Monochromacy



Original Color

62.3883, 59.3494, 89.0563

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

59.4235, 60.1929, 74.1321

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.3883, 59.3494, 89.0563 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(213, 195, 238)` looks like.

```
.text, #text, p{  
    color:rgb(213, 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(213, 195, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 195, 238) }
```

Border

The CSS property to change the border of an element to XYZ 62.3883, 59.3494, 89.0563 is called "border". The border property can be set on classes, ids or directly on the HTML element.

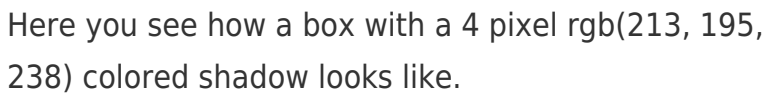
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(213, 195, 238) }
```


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

```
.border{ border-color:rgb(213, 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(213, 195, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(213, 195, 238); -webkit-box-shadow:4px 4px 4px 4px rgb(213, 195, 238); box-shadow:4px 4px 4px 4px rgb(213, 195, 238) }
```

Background

The CSS property to change the background color of an element to XYZ 62.3883, 59.3494, 89.0563 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 195, 238) }
```

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

```
.background{ background-color: rgb(213,  
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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