

Converting Colors

XYZ(62.2161, 61.3372, 89.0698)

Have a look what the booklet for
XYZ(62.2161, 61.3372, 89.0698)
contains.

XYZ(62.3317, 61.3562, 89.4466)	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(62.3317, 61.3562,
89.4466)**

Conversions

Conversions Part 1

Format	Color
Hex	D0C9EE
RGB	208, 201, 238
RGB Percent	82%, 79%, 93%
CMY	0.1843, 0.2117, 0.0667
CMYK	0.13, 0.16, 0.00, 0.07
HSL	251°, 52%, 86%
HSV	251°, 16%, 93%
XYZ	62.3317, 61.3562, 89.4466
YIQ	207.3110, -7.7050, 12.9910

Conversions

Conversions Part 2

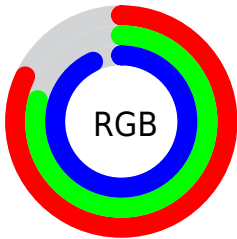
Format	Color
R _Y B	208, 201, 238
Decimal	13683182
CIE Lab	82.57, 9.53, -17.36
CIE LCh	83, 19.809, 298.769
Yxy	61.3562, 0.2925, 0.2879
Android (android.graphics.Color)	4291873262 (0xFFD0C9EE)
YUV	207.3110, 15.1297, 0.6043
Hunter-Lab	78.3302, 4.9645, -12.8731

Details

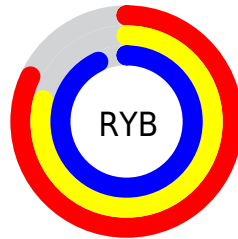
The XYZ color **62.3317, 61.3562, 89.4466** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **74.0742, 82.3566, 67.2534**, and the grayscale version is **59.4192, 62.5137, 68.0774**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **32.0141, 31.0171, 48.5556** is the 20% darker color. If you saturate the color by 10%, you get **52.1082, 48.4792, 87.5009**, and if you desaturate by 10%, it is **74.0787, 76.2978, 91.7125**.

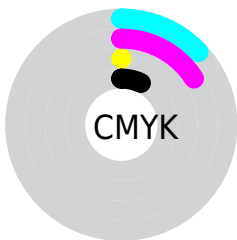
Distribution



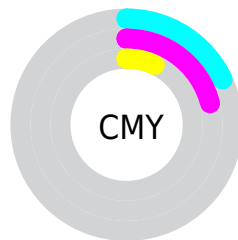
- Red (82%)
- Green (79%)
- Blue (93%)



- Red (82%)
- Yellow (79%)
- Blue (93%)



- Cyan (13%)
- Magenta (16%)
- Yellow (0%)
- Black (7%)



- Cyan (18%)
- Magenta (21%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.3317, 61.3562, 89.4466 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 62.3317, 61.3562, 89.4466 by changing the saturation by 10% instead.

■ 62.3317, 61.3562,
89.4466

■ 62.3317, 61.3562,
89.4466

422.8383,
429.5788, 546.7526

■ 45.5574, 44.5127,
66.9506

107.2920,
106.7945, 148.4983

■ 32.0998, 31.0738,
48.5832

136.2087,
136.1581, 185.8910

■ 21.5937, 20.6550,
33.9257

169.9036,
170.4639, 229.0864

■ 13.6736, 12.8721,
22.5596

208.7421,
210.0962, 278.5031

■ 7.9742, 7.3405,
14.0664

253.0894,
255.4394, 334.5595

■ 4.1301, 3.6760,
8.0276

303.3110,

■ 1.7760, 1.4940,

306.8780, 397.6742

4.0246

359.7722,
364.7964, 468.2657

■ 0.5031, 0.2845,
1.6388

■ 0.0000, 0.0000,
0.3183

■ 62.3317, 61.3562,
89.4466

■ 62.3317, 61.3562,
89.4466

■ 52.1082, 48.4792,
87.5009

■ 74.0787, 76.2978,
91.7125

■ 43.3396, 37.5681,
85.8570

■ 87.4030, 93.3818,
94.3077

■ 35.9603, 28.5275,
84.5009

■ 92.4328, 98.9531,
95.1180

■ 29.8971, 21.2509,
83.4159

■ 25.0703, 15.6210,
82.5837

■ 21.3910, 11.5061,
81.9833

■ 18.7575, 8.7535,
81.5908

■ 17.0487, 7.1771,
81.3766

■ 16.5157, 6.7314,
81.3187

Harmonies

Analogous

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



58.1422, 61.3562, 92.9886



62.3317, 61.3562, 89.4466



65.5737, 61.3562, 79.6651

Triad

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



62.3317, 61.3562, 89.4466



62.6494, 61.3562, 48.7561



50.5366, 61.3562, 66.3060

Complementary

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



62.3317, 61.3562, 89.4466



74.0742, 82.3566, 67.2534

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.



51.6169, 61.3562, 55.4118



62.3317, 61.3562, 89.4466



58.4926, 61.3562, 46.0674

Square

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



62.3317, 61.3562, 89.4466



65.7633, 61.3562, 56.1824



54.4789, 61.3562, 48.3506



51.4555, 61.3562, 78.6919

Rectangle

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



62.3317, 61.3562, 89.4466



66.6892, 61.3562, 71.4601



54.4789, 61.3562, 48.3506



50.6770, 61.3562, 62.3594

Sweetspot

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



62.3336, 61.3588, 89.4480



87.4148, 90.2249, 107.4156



68.1585, 75.8655, 91.9410



18.4887, 19.0287, 22.9484



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.



62.3336, 61.3588, 89.4480



68.4884, 66.1833, 103.7727



67.7742, 64.1635, 89.7026



15.1762, 15.3726, 19.8889



9.2938, 3.7965, 45.3708



0.8492, 0.3550, 3.7780

Inverse Universe

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



70.5723, 65.7225, 84.5700



80.0533, 72.3117, 96.7951



68.4775, 79.4714, 66.9915



16.3186, 15.9771, 19.2337



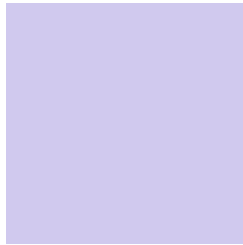
25.0861, 12.3069, 29.4339



2.1196, 1.0369, 2.6207

Previews

White Background



This preview shows how the XYZ color 62.3317, 61.3562, 89.4466 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 62.3317, 61.3562, 89.4466 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

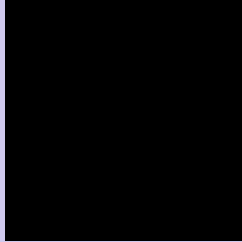
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 62.3317, 61.3562, 89.4466

Background



This preview shows how black text looks on a background with the XYZ color 62.3317, 61.3562, 89.4466.



This preview shows how white text looks on a background with the XYZ color 62.3317, 61.3562,

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

62.3317, 61.3562, 89.4466

Protanopia

60.8742, 61.6191, 91.1233

Deuteranopia

62.6652, 61.1832, 89.3957



Tritanopia

59.6880, 61.3322, 76.4025

Trichromacy



Original Color

62.3317, 61.3562, 89.4466

Protanomaly

61.2930, 61.5004, 90.3016

Deuteranomaly

62.3814, 61.0369, 89.3824

Tritanomaly

60.6747, 61.3797, 81.3226

Monochromacy



Original Color

62.3317, 61.3562, 89.4466

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

60.2183, 61.9900, 75.1211

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.3317, 61.3562, 89.4466 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(208, 201, 238)` looks like.

```
.text, #text, p{  
    color:rgb(208, 201, 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(208, 201, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 201, 238) }
```

Border

The CSS property to change the border of an element to XYZ 62.3317, 61.3562, 89.4466 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(208, 201, 238) }
```


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

```
.border{ border-color:rgb(208, 201, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 201, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 201, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 201, 238);  
box-shadow:4px 4px 4px 4px rgb(208, 201,  
238) }
```

Background

The CSS property to change the background color of an element to XYZ 62.3317, 61.3562, 89.4466 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 201, 238) }
```

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

```
.background{ background-color: rgb(208,  
201, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor