

Converting Colors

XYZ(62.2553, 56.3153,
107.2940)

Have a look what the booklet for
XYZ(62.2553, 56.3153, 107.2940)
contains.

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Color

**XYZ(61.2739, 55.8825,
102.1646)**

Conversions

Conversions Part 1

Format	Color
Hex	CEBBFF
RGB	206, 187, 255
RGB Percent	81%, 73%, 100%
CMY	0.1921, 0.2666, 0.0000
CMYK	0.19, 0.27, 0.00, 0.00
HSL	257°, 100%, 87%
HSV	257°, 27%, 100%
XYZ	61.2739, 55.8825, 102.1646
YIQ	200.4330, -10.5040, 25.1760

Conversions

Conversions Part 2

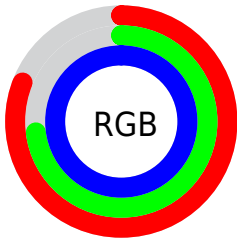
Format	Color
R _Y B	206, 187, 255
Decimal	13548543
CIE Lab	79.55, 20.09, -31.06
CIE LCh	80, 36.995, 302.896
Yxy	55.8825, 0.2794, 0.2548
Android (android.graphics.Color)	4291738623 (0xFFCEBBFF)
YUV	200.4330, 26.9015, 4.8823
Hunter-Lab	74.7546, 15.4901, -28.7014

Details

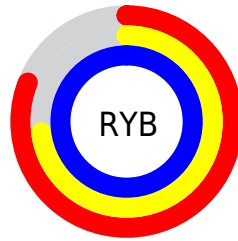
The XYZ color **61.2739, 55.8825, 102.1646** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **79.3228, 92.9412, 60.7749**, and the grayscale version is **55.0120, 57.8769, 63.0279**.

A 20% lighter version of the original color is **91.3406, 92.5812, 107.6635**, and **31.4806, 27.7067, 57.1148** is the 20% darker color. If you saturate the color by 10%, you get **51.5305, 43.5305, 100.2940**, and if you desaturate by 10%, it is **72.5775, 70.4673, 104.3840**.

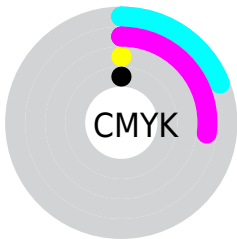
Distribution



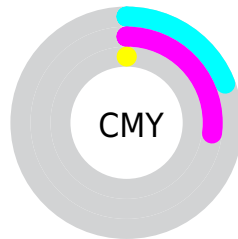
- Red (81%)
- Green (73%)
- Blue (100%)



- Red (81%)
- Yellow (73%)
- Blue (100%)



- Cyan (19%)
- Magenta (27%)
- Yellow (0%)
- Black (0%)



- Cyan (19%)
- Magenta (27%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.2739, 55.8825, 102.1646 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 61.2739, 55.8825, 102.1646 by changing the saturation by 10% instead.

61.2739, 55.8825,
102.1646

61.2739, 55.8825,
102.1646

419.0374,
409.2485, 588.4164

44.6996, 40.1087,
77.4826

105.7713, 98.8328,
166.2064

31.4212, 27.6233,
57.1351

134.4251,
126.7780, 206.4033

21.0732, 18.0419,
40.7036

167.8362,
159.5493, 252.6089

13.2903, 10.9801,
27.7696

206.3698,
197.5308, 305.2417

7.7071, 6.0534,
17.9146

250.3914,
241.1072, 364.7204

3.9583, 2.8776,
10.7199

300.2663,

1.6786, 1.0682,

290.6626, 431.4633

5.7670

356.3599,
346.5816, 505.8891

■ 0.4428, 0.0000,
2.6374

■ 0.0000, 0.0000,
0.9117

■ 61.2739, 55.8825,
102.1646

■ 61.2739, 55.8825,
102.1646

■ 51.5305, 43.5305,
100.2940

■ 72.5775, 70.4673,
104.3840

■ 43.2711, 33.2925,
98.7532

■ 85.5028, 87.3824,
106.9678

■ 36.4201, 25.0486,
97.5230

95.0500, 100.0000,
108.9000

■ 30.8932, 18.6638,
96.5820

■ 26.5959, 13.9859,
95.9055

■ 23.4199, 10.8376,
95.4652

■ 21.2333, 8.9981,
95.2254

■ 20.6667, 8.5690,
95.1725

Harmonies

Analogous

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



53.8411, 55.8825, 111.6555



61.2739, 55.8825, 102.1646



66.9022, 55.8825, 81.4993

Triad

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



61.2739, 55.8825, 102.1646



59.9065, 55.8825, 31.1644



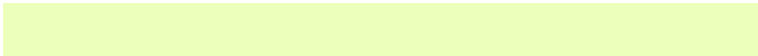
40.0636, 55.8825, 62.9411

Complementary

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



61.2739, 55.8825, 102.1646



79.3228, 92.9412, 60.7749

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.



41.3648, 55.8825, 44.0156



61.2739, 55.8825, 102.1646



52.3948, 55.8825, 28.4019

Square

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



61.2739, 55.8825, 102.1646



66.0623, 55.8825, 41.1879



45.7139, 55.8825, 32.5090



41.9799, 55.8825, 85.9360

Rectangle

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



61.2739, 55.8825, 102.1646



68.6219, 55.8825, 66.0583



45.7139, 55.8825, 32.5090



40.1395, 55.8825, 55.9163

Sweetspot

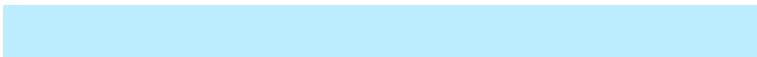
The Sweet Spot groups the original color and five complimentary colors.



61.2756, 55.8847, 102.1650



83.6810, 84.9856, 106.6012



68.7905, 78.2772, 106.0911



17.4794, 17.6234, 22.7303



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.



61.2756, 55.8847, 102.1650



55.8872, 49.0233, 101.1246



71.4633, 61.1367, 102.6418



17.4794, 17.6234, 22.7303



10.9227, 4.5413, 49.7355



1.1643, 0.4941, 4.8473

Inverse Universe

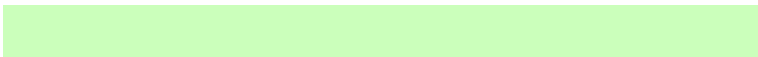
The Inverse Universe completely reimagines the original color for something new.



74.1519, 62.8588, 87.5831



70.8544, 57.1384, 83.7880



69.3234, 87.7863, 60.3069



18.5635, 18.2087, 21.5843



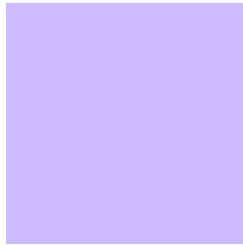
26.1228, 12.9384, 25.0949



2.5901, 1.2784, 2.6886

Previews

White Background



This preview shows how the XYZ color 61.2739, 55.8825, 102.1646 looks on a white background.

Color Contrast Check

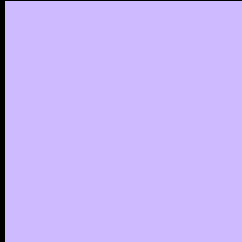
Large Text (above 18pt) WCAG AA × Fail

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 61.2739, 55.8825, 102.1646 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

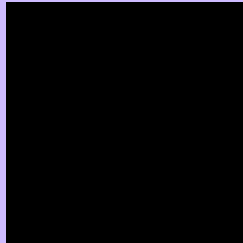
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.2739, 55.8825, 102.1646

Background



This preview shows how black text looks on a background with the XYZ color 61.2739, 55.8825, 102.1646.

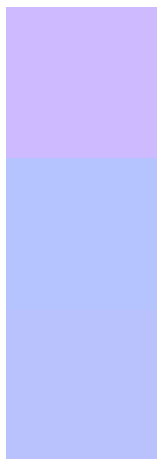


This preview shows how white text looks on a background with the XYZ color 61.2739, 55.8825,

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

61.2739, 55.8825, 102.1646

Protanopia

56.6212, 56.0740, 102.4468

Deuteranopia

57.4309, 56.1784, 101.5825



Tritanopia

54.5617, 55.7391, 69.5110

Trichromacy



Original Color

61.2739, 55.8825, 102.1646

Protanomaly

58.1348, 55.8664, 102.3270

Deuteranomaly

58.5125, 55.7548, 101.4437

Tritanomaly

56.8022, 55.6628, 80.4233

Monochromacy



Original Color

61.2739, 55.8825, 102.1646

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

56.7905, 56.7541, 75.6716

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.2739, 55.8825, 102.1646 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(206, 187, 255)` looks like.

```
.text, #text, p{  
    color:rgb(206, 187, 255)  
}
```

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(206, 187, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 187, 255) }
```

Border

The CSS property to change the border of an element to XYZ 61.2739, 55.8825, 102.1646 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(206, 187, 255) }
```


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

```
.border{ border-color:rgb(206, 187, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 187, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 187, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 187, 255);  
box-shadow:4px 4px 4px 4px rgb(206, 187,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 61.2739, 55.8825, 102.1646 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 187, 255) }
```

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

```
.background{ background-color: rgb(206,  
187, 255) }
```

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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