

Converting Colors

XYZ(62.2765, 58.5590,
102.6284)

Have a look what the booklet for
XYZ(62.2765, 58.5590, 102.6284)
contains.

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Color

**XYZ(62.2436, 58.6409,
102.6460)**

Conversions

Conversions Part 1

Format	Color
Hex	CCC2FF
RGB	204, 194, 255
RGB Percent	80%, 76%, 100%
CMY	0.2000, 0.2392, 0.0000
CMYK	0.20, 0.24, 0.00, 0.00
HSL	250°, 100%, 88%
HSV	250°, 24%, 100%
XYZ	62.2436, 58.6409, 102.6460
YIQ	203.9440, -13.6210, 21.0910

Conversions

Conversions Part 2

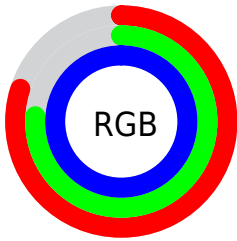
Format	Color
RYB	204, 194, 255
Decimal	13419263
CIELab	81.09, 15.69, -28.70
CIELCh	81, 32.712, 298.664
Yxy	58.6409, 0.2785, 0.2623
Android (android.graphics.Color)	4291609343 (0xFFCCC2FF)
YUV	203.9440, 25.1706, 0.0491
Hunter-Lab	76.5773, 11.0780, -25.8695

Details

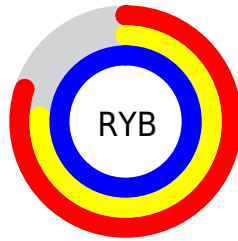
The XYZ color **62.2436, 58.6409, 102.6460** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **83.1548, 94.8280, 64.9623**, and the grayscale version is **57.2128, 60.1923, 65.5495**.

A 20% lighter version of the original color is **93.4756, 96.8512, 108.3752**, and **31.9656, 29.2229, 57.3819** is the 20% darker color. If you saturate the color by 10%, you get **51.5989, 45.4402, 100.6590**, and if you desaturate by 10%, it is **74.6653, 74.2060, 104.9956**.

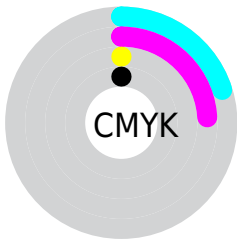
Distribution



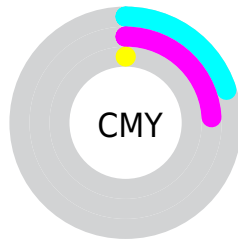
- Red (80%)
- Green (76%)
- Blue (100%)



- Red (80%)
- Yellow (76%)
- Blue (100%)



- Cyan (20%)
- Magenta (24%)
- Yellow (0%)
- Black (0%)



- Cyan (20%)
- Magenta (24%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.2436, 58.6409, 102.6460 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 62.2436, 58.6409, 102.6460 by changing the saturation by 10% instead.

62.2436, 58.6409,
102.6460

62.2436, 58.6409,
102.6460

422.5225,
419.5698, 589.9621

45.4859, 42.3241,
77.8830

107.1655,
102.8556, 166.8722

32.0432, 29.3552,
57.4620

136.0604,
131.5222, 207.1724

21.5502, 19.3497,
40.9644

169.7317,
165.0743, 253.4888

13.6415, 11.9232,
27.9718

208.5448,
203.8962, 306.2399

7.9518, 6.6914,
18.0656

252.8651,
248.3723, 365.8442

4.1157, 3.2699,
10.8271

303.0580,

1.7678, 1.2742,

298.8870, 432.7203

5.8380

359.4886,
355.8248, 507.2868

■ 0.4981, 0.1211,
2.6796

■ 0.0000, 0.0000,
0.9332

■ 62.2436, 58.6409,
102.6460

■ 62.2436, 58.6409,
102.6460

■ 51.5989, 45.4402,
100.6590

■ 74.6653, 74.2060,
104.9956

■ 42.6442, 34.4810,
99.0156

■ 88.9356, 92.2366,
107.7238

■ 35.2926, 25.6396,
97.6965

95.0500, 100.0000,
108.9000

■ 29.4472, 18.7774,
96.6801

■ 25.0006, 13.7392,
95.9420

■ 21.8301, 10.3461,
95.4542

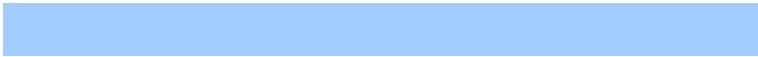
■ 19.7906, 8.3816,
95.1825

■ 18.9967, 7.7080,
95.0943

Harmonies

Analogous

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



55.4323, 58.6409, 109.0563



62.2436, 58.6409, 102.6460



67.6615, 58.6409, 85.3607

Triad

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



62.2436, 58.6409, 102.6460



62.8133, 58.6409, 36.9186



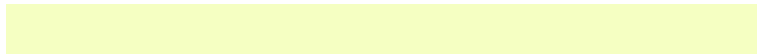
43.6648, 58.6409, 62.9815

Complementary

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



62.2436, 58.6409, 102.6460



83.1548, 94.8280, 64.9623

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.



45.3019, 58.6409, 46.2955



62.2436, 58.6409, 102.6460



56.0416, 58.6409, 33.2640

Square

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



62.2436, 58.6409, 102.6460



68.0087, 58.6409, 47.5258



49.6993, 58.6409, 36.3164



45.0371, 58.6409, 83.5400

Rectangle

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



62.2436, 58.6409, 102.6460



69.5582, 58.6409, 71.4933



49.6993, 58.6409, 36.3164



43.8788, 58.6409, 56.7718

Sweetspot

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



62.2453, 58.6432, 102.6463



84.3386, 86.4138, 106.8422



73.2096, 84.5106, 107.0614



17.8636, 18.2579, 22.8326



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.



62.2453, 58.6432, 102.6463



56.6202, 51.6482, 101.5926



71.1601, 63.2390, 103.0635



17.2803, 17.5207, 22.7210



10.0072, 4.0694, 49.6926



1.0492, 0.4348, 4.8419

Inverse Universe

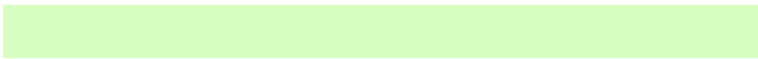
The Inverse Universe completely reimagines the original color for something new.



77.0144, 66.4381, 95.1522



73.9333, 60.7918, 92.5348



73.6261, 89.9158, 64.5164



18.6572, 18.2462, 22.0782



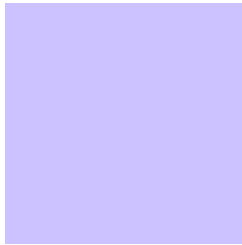
27.8852, 13.6434, 34.3757



2.7477, 1.3414, 3.5186

Previews

White Background



This preview shows how the XYZ color 62.2436, 58.6409, 102.6460 looks on a white background.

Color Contrast Check

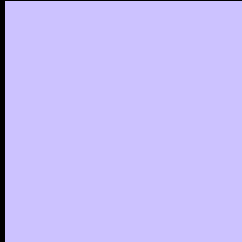
Large Text (above 18pt) WCAG AA × Fail

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 62.2436, 58.6409, 102.6460 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

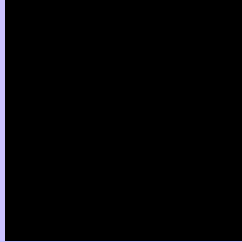
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 62.2436, 58.6409, 102.6460

Background



This preview shows how black text looks on a background with the XYZ color 62.2436, 58.6409, 102.6460.



This preview shows how white text looks on a background with the XYZ color 62.2436, 58.6409,

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

62.2436, 58.6409, 102.6460

Protanopia

58.9669, 58.6316, 102.8169

Deuteranopia

59.8480, 58.4257, 101.8889



Tritanopia

56.4370, 58.6534, 73.9923

Trichromacy



Original Color

62.2436, 58.6409, 102.6460

Protanomaly

60.0086, 58.4900, 102.7346

Deuteranomaly

60.6553, 58.5059, 101.8618

Tritanomaly

58.4373, 58.4370, 83.8008

Monochromacy



Original Color

62.2436, 58.6409, 102.6460

Achromatopsia

57.3938, 60.3827, 65.7568

Achromatomaly

58.8754, 59.4736, 78.1885

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.2436, 58.6409, 102.6460 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(204, 194, 255)` looks like.

```
.text, #text, p{  
    color:rgb(204, 194, 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(204, 194, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 194, 255) }
```

Border

The CSS property to change the border of an element to XYZ 62.2436, 58.6409, 102.6460 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(204, 194, 255) }
```


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

```
.border{ border-color:rgb(204, 194, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 194, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 194, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 194, 255);  
box-shadow:4px 4px 4px 4px rgb(204, 194,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 62.2436, 58.6409, 102.6460 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 194, 255) }
```

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

```
.background{ background-color: rgb(204,  
194, 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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