

Converting Colors

XYZ(65.9875, 62.5076,
120.8448)

Have a look what the booklet for
XYZ(65.9875, 62.5076, 120.8448)
contains.

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Color

**XYZ(62.7561, 61.2726,
103.1269)**

Conversions

Conversions Part 1

Format	Color
Hex	C8C9FF
RGB	200, 201, 255
RGB Percent	78%, 79%, 100%
CMY	0.2157, 0.2117, 0.0000
CMYK	0.22, 0.21, 0.00, 0.00
HSL	239°, 100%, 89%
HSV	239°, 22%, 100%
XYZ	62.7561, 61.2726, 103.1269
YIQ	206.8570, -17.9300, 16.5820

Conversions

Conversions Part 2

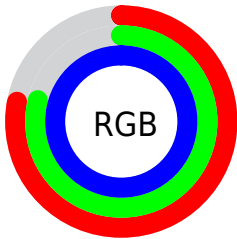
Format	Color
R _Y B	200, 201, 255
Decimal	13158911
CIE Lab	82.53, 10.71, -26.54
CIE LCh	83, 28.620, 291.976
Yxy	61.2726, 0.2763, 0.2697
Android (android.graphics.Color)	4291348991 (0xFFC8C9FF)
YUV	206.8570, 23.7345, -6.0136
Hunter-Lab	78.2768, 6.1226, -23.3187

Details

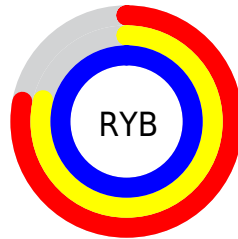
The XYZ color **62.7561, 61.2726, 103.1269** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **87.1072, 96.3133, 68.6448**, and the grayscale version is **59.0780, 62.1547, 67.6865**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **32.3038, 30.9644, 57.7002** is the 20% darker color. If you saturate the color by 10%, you get **51.1370, 47.3148, 101.0452**, and if you desaturate by 10%, it is **76.4657, 77.7230, 105.5796**.

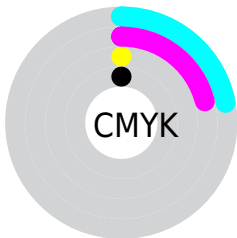
Distribution



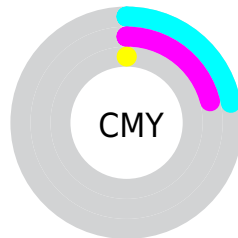
- Red (78%)
- Green (79%)
- Blue (100%)



- Red (78%)
- Yellow (79%)
- Blue (100%)



- Cyan (22%)
- Magenta (21%)
- Yellow (0%)
- Black (0%)



- Cyan (22%)
- Magenta (21%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.7561, 61.2726, 103.1269 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 62.7561, 61.2726, 103.1269 by changing the saturation by 10% instead.

■ 62.7561, 61.2726,
103.1269

■ 62.7561, 61.2726,
103.1269

424.3575,
429.2728, 591.5040

■ 45.9018, 44.4452,
78.2831

107.9014,
106.6735, 167.5369

■ 32.3727, 31.0207,
57.7887

136.9230,
136.0159, 207.9402

■ 21.8032, 20.6146,
41.2253

170.7313,
170.2986, 254.3671

■ 13.8282, 12.8426,
28.1741

209.6913,
209.9062, 307.2360

■ 8.0822, 7.3202,
18.2168

254.1687,
255.2231, 366.9657

■ 4.1998, 3.6632,
10.9347

304.5285,

■ 1.8158, 1.4870,

306.6335, 433.9746

5.9093

361.1364,
364.5219, 508.6812

■ 0.5272, 0.2795,
2.7221

■ 0.0000, 0.0000,
0.9545

■ 62.7561, 61.2726,
103.1269

■ 62.7561, 61.2726,
103.1269

■ 51.1370, 47.3148,
101.0452

■ 76.4657, 77.7230,
105.5796

■ 41.5007, 35.7213,
99.3153

■ 92.3557, 96.7716,
108.4189

■ 33.7382, 26.3634,
97.9182

■ 95.0500, 100.0000,
108.9000

■ 27.7275, 19.0971,
96.8325

■ 23.3325, 13.7619,
96.0343

■ 20.3971, 10.1736,
95.4964

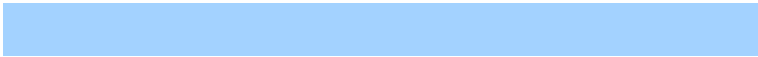
■ 18.7340, 8.1129,
95.1863

■ 18.1004, 7.3207,
95.0668

Harmonies

Analogous

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



56.6096, 61.2726, 105.9873



62.7561, 61.2726, 103.1269



68.0143, 61.2726, 89.7178

Triad

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



62.7561, 61.2726, 103.1269



65.7960, 61.2726, 43.5210



47.3393, 61.2726, 62.1183

Complementary

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



62.7561, 61.2726, 103.1269



87.1072, 96.3133, 68.6448

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.



49.4460, 61.2726, 48.0247



62.7561, 61.2726, 103.1269



59.8968, 61.2726, 38.5852

Square

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



62.7561, 61.2726, 103.1269



69.8534, 61.2726, 54.8751



53.9417, 61.2726, 40.0757



47.9870, 61.2726, 80.1470

Rectangle

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



62.7561, 61.2726, 103.1269



70.1674, 61.2726, 77.7026



53.9417, 61.2726, 40.0757



47.7433, 61.2726, 56.8161

Sweetspot

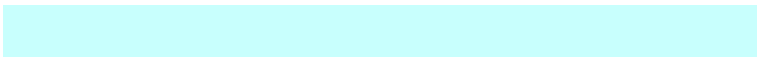
The Sweet Spot groups the original color and five complimentary colors.



62.7579, 61.2750, 103.1273



85.0372, 88.0003, 107.1116



77.3365, 90.9023, 106.5377



17.9786, 18.5685, 22.8865



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.



62.7579, 61.2750, 103.1273



57.3552, 54.7870, 102.1597



69.9651, 64.6452, 103.3980



17.0295, 17.4307, 22.7169



9.4693, 3.8482, 49.6783



0.9309, 0.3925, 4.8400

Inverse Universe

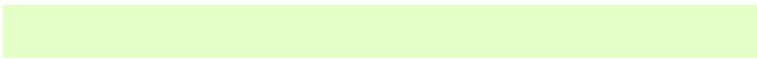
The Inverse Universe completely reimagines the original color for something new.



72.4381, 66.7873, 64.3342



68.6572, 61.2399, 56.8636



78.6057, 92.4034, 68.3382



18.0228, 17.9924, 18.7372



21.5679, 11.1164, 1.1089



2.1045, 1.0842, 0.1317

Previews

White Background



This preview shows how the XYZ color 62.7561, 61.2726, 103.1269 looks on a white background.

Color Contrast Check

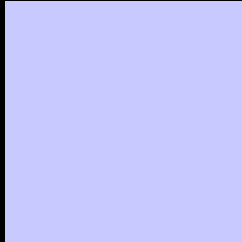
Large Text (above 18pt) WCAG AA × Fail

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 62.7561, 61.2726, 103.1269 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

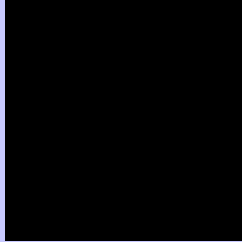
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 62.7561, 61.2726, 103.1269

Background



This preview shows how black text looks on a background with the XYZ color 62.7561, 61.2726, 103.1269.

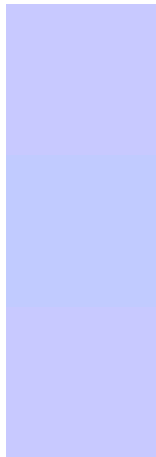


This preview shows how white text looks on a background with the XYZ color 62.7561, 61.2726,

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

62.7561, 61.2726, 103.1269

Protanopia

61.3983, 61.2693, 103.1979

Deuteranopia

62.7561, 61.2726, 103.1269



Tritanopia

57.8802, 61.4227, 78.6172

Trichromacy



Original Color

62.7561, 61.2726, 103.1269

Protanomaly

61.9355, 61.1968, 103.1556

Deuteranomaly

62.7561, 61.2726, 103.1269

Tritanomaly

59.5917, 61.3966, 87.3072

Monochromacy



Original Color

62.7561, 61.2726, 103.1269

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

60.1877, 61.8818, 79.2932

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.7561, 61.2726, 103.1269 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(200, 201, 255)` looks like.

```
.text, #text, p{  
    color:rgb(200, 201, 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(200, 201, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 201, 255) }
```

Border

The CSS property to change the border of an element to XYZ 62.7561, 61.2726, 103.1269 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(200, 201, 255) }
```


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

```
.border{ border-color:rgb(200, 201, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 201, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 201, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 201, 255);  
box-shadow:4px 4px 4px 4px rgb(200, 201,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 62.7561, 61.2726, 103.1269 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 201, 255) }
```

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

```
.background{ background-color: rgb(200,  
201, 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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