

Converting Colors

XYZ(62.9528, 59.8353, 95.4202)

Have a look what the booklet for
XYZ(62.9528, 59.8353, 95.4202)
contains.

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Color

**XYZ(62.9528, 59.8353,
95.4202)**

Conversions

Conversions Part 1

Format	Color
Hex	D2C4F6
RGB	210, 196, 246
RGB Percent	82%, 77%, 96%
CMY	0.1765, 0.2314, 0.0353
CMYK	0.15, 0.20, 0.00, 0.04
HSL	257°, 74%, 87%
HSV	257°, 20%, 96%
XYZ	62.9528, 59.8353, 95.4202
YIQ	205.8860, -7.7060, 18.5180

Conversions

Conversions Part 2

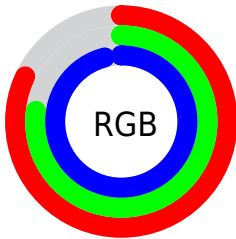
Format	Color
R _Y B	210, 196, 246
Decimal	13812982
CIE Lab	81.75, 14.51, -22.86
CIE LCh	82, 27.077, 302.408
Yxy	59.8353, 0.2885, 0.2742
Android (android.graphics.Color)	4292003062 (0xFFD2C4F6)
YUV	205.8860, 19.7762, 3.6080
Hunter-Lab	77.3533, 9.9013, -18.9907

Details

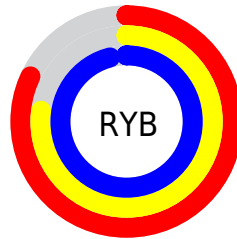
The XYZ color **62.9528, 59.8353, 95.4202** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **76.2003, 87.0544, 65.0143**, and the grayscale version is **58.4759, 61.5212, 66.9966**.

A 20% lighter version of the original color is **94.4153, 98.7306, 108.6884**, and **32.4848, 30.0323, 52.7999** is the 20% darker color. If you saturate the color by 10%, you get **53.0858, 47.1770, 93.4979**, and if you desaturate by 10%, it is **74.2915, 74.6057, 97.6745**.

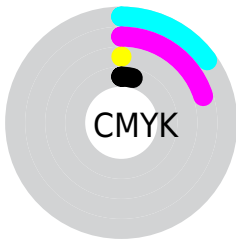
Distribution



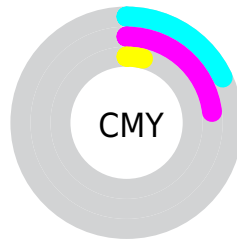
- Red (82%)
- Green (77%)
- Blue (96%)



- Red (82%)
- Yellow (77%)
- Blue (96%)



- Cyan (15%)
- Magenta (20%)
- Yellow (0%)
- Black (4%)



- Cyan (18%)
- Magenta (23%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.9528, 59.8353, 95.4202 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 62.9528, 59.8353, 95.4202 by changing the saturation by 10% instead.

62.9528, 59.8353,
95.4202

62.9528, 59.8353,
95.4202

425.0606,
423.9904, 566.5280

46.0615, 43.2859,
71.8859

108.1836,
104.5907, 156.8456

32.4992, 30.1095,
52.5792

137.2539,
133.5655, 195.5738

21.9005, 19.9217,
37.0816

171.1145,
167.4509, 240.2037

13.9000, 12.3382,
24.9744

210.1308,
206.6313, 291.1538

8.1324, 6.9744,
15.8391

254.6682,
251.4910, 348.8428

4.2323, 3.4461,
9.2573

305.0921,

1.8344, 1.3688,

302.4145, 413.6892

4.8103

361.7678,
359.7862, 486.1114

■ 0.5382, 0.1936,
2.0796

■ 0.0000, 0.0000,
0.6036

■ 62.9528, 59.8353,
95.4202

■ 62.9528, 59.8353,
95.4202

■ 53.0858, 47.1770,
93.4979

■ 74.2915, 74.6057,
97.6745

■ 44.6224, 36.5256,
91.8880

■ 87.1548, 91.5722,
100.2714

■ 37.4975, 27.7776,
90.5750

■ 93.6347, 99.4339,
101.4473

■ 31.6382, 20.8173,
89.5404

■ 26.9643, 15.5162,
88.7635

■ 23.3854, 11.7276,
88.2209

■ 20.7963, 9.2781,
87.8845

■ 19.0800, 7.9145,
87.7118

Harmonies

Analogous

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



57.3336, 59.8353, 101.8303



62.9528, 59.8353, 95.4202



67.1532, 59.8353, 80.8042

Triad

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



62.9528, 59.8353, 95.4202



62.1029, 59.8353, 41.0947



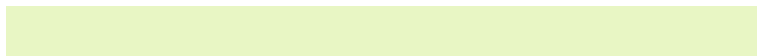
46.6051, 59.8353, 66.4787

Complementary

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



62.9528, 59.8353, 95.4202



76.2003, 87.0544, 65.0143

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.



47.6970, 59.8353, 51.6614



62.9528, 59.8353, 95.4202



56.4122, 59.8353, 38.5431

Square

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



62.9528, 59.8353, 95.4202



66.6399, 59.8353, 49.7284



51.1953, 59.8353, 42.0727



48.1079, 59.8353, 83.4708

Rectangle

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



62.9528, 59.8353, 95.4202



68.4472, 59.8353, 69.3880



51.1953, 59.8353, 42.0727



46.6808, 59.8353, 61.0891

Sweetspot

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



62.9547, 59.8378, 95.4215



86.4244, 88.5938, 107.1530



68.4461, 76.4807, 98.3445



18.3053, 18.7084, 22.8962



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.



62.9547, 59.8378, 95.4215



64.1424, 59.5538, 102.7221



70.4176, 63.6851, 95.7708



16.0167, 16.1513, 20.8159



10.3011, 4.2847, 46.8221



1.0013, 0.4260, 4.1197

Inverse Universe

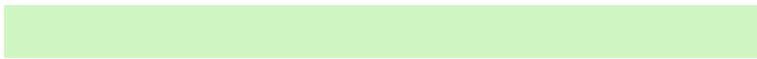
The Inverse Universe completely reimagines the original color for something new.



72.3134, 64.9014, 85.0625



75.9002, 65.9198, 89.5089



68.8403, 83.2602, 64.6698



17.0042, 16.6845, 19.7685



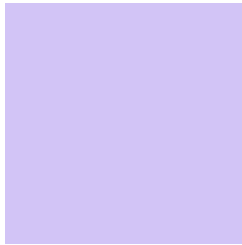
24.5916, 12.1801, 23.6213



2.2050, 1.0880, 2.3059

Previews

White Background



This preview shows how the XYZ color 62.9528, 59.8353, 95.4202 looks on a white background.

Color Contrast Check

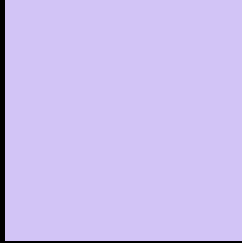
Large Text (above 18pt) WCAG AA × Fail

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 62.9528, 59.8353, 95.4202 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

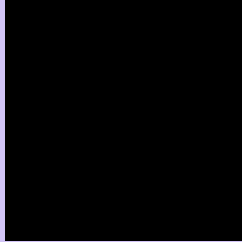
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 62.9528, 59.8353, 95.4202

Background



This preview shows how black text looks on a background with the XYZ color 62.9528, 59.8353, 95.4202.

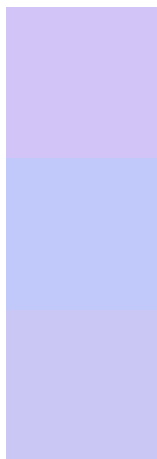


This preview shows how white text looks on a background with the XYZ color 62.9528, 59.8353,

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

62.9528, 59.8353, 95.4202

Protanopia

59.8802, 59.8819, 98.8448

Deuteranopia

61.2620, 59.9960, 94.7377



Tritanopia

58.5879, 59.7622, 74.0930

Trichromacy



Original Color

62.9528, 59.8353, 95.4202

Protanomaly

61.0755, 59.8285, 97.9516

Deuteranomaly

61.8524, 59.9599, 94.6996

Tritanomaly

60.1591, 59.7137, 81.7540

Monochromacy



Original Color

62.9528, 59.8353, 95.4202

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

59.9038, 60.7269, 76.9708

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.9528, 59.8353, 95.4202 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(210, 196, 246)` looks like.

```
.text, #text, p{  
    color:rgb(210, 196, 246)  
}
```

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(210, 196, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 196, 246) }
```

Border

The CSS property to change the border of an element to XYZ 62.9528, 59.8353, 95.4202 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(210, 196, 246) }
```


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

```
.border{ border-color:rgb(210, 196, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 196, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 196, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 196, 246);  
box-shadow:4px 4px 4px 4px rgb(210, 196,  
246) }
```

Background

The CSS property to change the background color of an element to XYZ 62.9528, 59.8353, 95.4202 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 196, 246) }
```

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

```
.background{ background-color: rgb(210,  
196, 246) }
```

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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