

Converting Colors

XYZ(61.7330, 56.9643,
101.2575)

Have a look what the booklet for
XYZ(61.7330, 56.9643, 101.2575)
contains.

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Color

**XYZ(61.7564, 57.1045,
101.5333)**

Conversions

Conversions Part 1

Format	Color
Hex	CEBEFE
RGB	206, 190, 254
RGB Percent	81%, 75%, 100%
CMY	0.1921, 0.2549, 0.0039
CMYK	0.19, 0.25, 0.00, 0.00
HSL	255°, 97%, 87%
HSV	255°, 25%, 100%
XYZ	61.7564, 57.1045, 101.5333
YIQ	202.0800, -11.0080, 23.2960

Conversions

Conversions Part 2

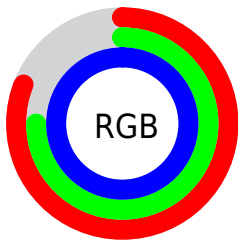
Format	Color
R _Y B	206, 190, 254
Decimal	13549310
CIE Lab	80.24, 18.24, -29.47
CIE LCh	80, 34.657, 301.762
Yxy	57.1045, 0.2802, 0.2591
Android (android.graphics.Color)	4291739390 (0xFFCEBEFE)
YUV	202.0800, 25.5966, 3.4378
Hunter-Lab	75.5675, 13.6332, -26.7654

Details

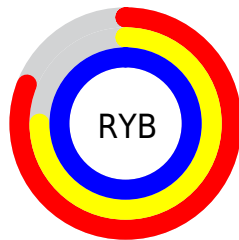
The XYZ color **61.7564, 57.1045, 101.5333** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **79.9979, 92.7799, 62.4097**, and the grayscale version is **56.0407, 58.9592, 64.2066**.

A 20% lighter version of the original color is **92.2458, 94.3915, 107.9653**, and **31.7862, 28.5018, 56.6494** is the 20% darker color. If you saturate the color by 10%, you get **51.7552, 44.4823, 99.6250**, and if you desaturate by 10%, it is **73.3610, 71.9791, 103.7937**.

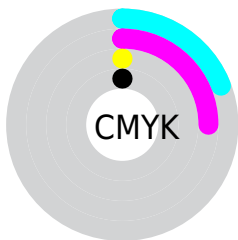
Distribution



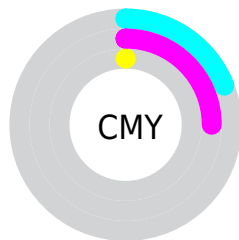
- Red (81%)
- Green (75%)
- Blue (100%)



- Red (81%)
- Yellow (75%)
- Blue (100%)



- Cyan (19%)
- Magenta (25%)
- Yellow (0%)
- Black (0%)



- Cyan (19%)
- Magenta (25%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.7564, 57.1045, 101.5333 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 61.7564, 57.1045, 101.5333 by changing the saturation by 10% instead.

61.7564, 57.1045,
101.5333

61.7564, 57.1045,
101.5333

420.7737,
413.8408, 586.3861

45.0907, 41.0891,
76.9577

106.4653,
100.6177, 165.3329

31.7305, 28.3887,
56.7068

135.2393,
128.8842, 205.3940

21.3103, 18.6189,
40.3621

168.7801,
162.0034, 251.4539

13.4647, 11.3952,
27.5050

207.4530,
200.3594, 303.9313

7.8285, 6.3333,
17.7171

251.6235,
244.3368, 363.2447

4.0363, 3.0488,
10.5797

301.6569,

1.7227, 1.1573,

294.3199, 429.8126

5.6744

357.9185,
350.6931, 504.0535

■ 0.4704, 0.0264,
2.5826

■ 0.0000, 0.0000,
0.8834

■ 61.7564, 57.1045,
101.5333

■ 61.7564, 57.1045,
101.5333

■ 51.7552, 44.4823,
99.6250

■ 73.3610, 71.9791,
103.7937

■ 43.2792, 33.9943,
98.0474

■ 86.6313, 89.2025,
106.4187

■ 36.2520, 25.5218,
96.7824

94.8896, 99.9358,
108.0552

■ 30.5878, 18.9318,
95.8089

■ 26.1914, 14.0746,
95.1031

■ 22.9537, 10.7767,
94.6372

■ 20.7446, 8.8265,
94.3772

■ 19.9712, 8.2290,
94.3026

Harmonies

Analogous

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



54.6954, 57.1045, 109.8138



61.7564, 57.1045, 101.5333



67.1645, 57.1045, 82.4922

Triad

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



61.7564, 57.1045, 101.5333



60.9703, 57.1045, 33.7824



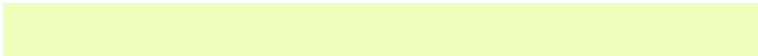
41.7828, 57.1045, 63.3825

Complementary

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



61.7564, 57.1045, 101.5333



79.9979, 92.7799, 62.4097

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.



43.1520, 57.1045, 45.5052



61.7564, 57.1045, 101.5333



53.8590, 57.1045, 30.7996

Square

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



61.7564, 57.1045, 101.5333



66.6836, 57.1045, 43.8413



47.4257, 57.1045, 34.5861



43.5118, 57.1045, 85.0223

Rectangle

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



61.7564, 57.1045, 101.5333



68.8832, 57.1045, 67.9285



47.4257, 57.1045, 34.5861



41.8954, 57.1045, 56.7599

Sweetspot

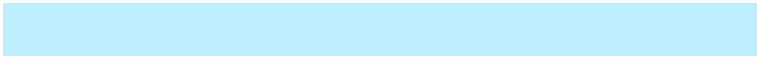
The Sweet Spot groups the original color and five complimentary colors.



61.7583, 57.1068, 101.5346



83.4772, 84.8806, 106.5916



70.0125, 79.8767, 105.4946



17.4284, 17.5971, 22.7279



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.



61.7583, 57.1068, 101.5346



57.2596, 51.2148, 101.4753



71.2075, 61.9781, 101.9768



17.4284, 17.5971, 22.7279



10.6414, 4.3963, 49.7223



1.1309, 0.4769, 4.8457

Inverse Universe

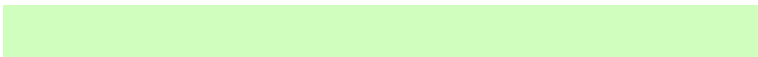
The Inverse Universe completely reimagines the original color for something new.



74.7210, 64.0731, 89.3205



72.3824, 59.3491, 86.9034



70.4887, 87.8778, 61.9647



18.5872, 18.2182, 21.7095



26.5402, 13.1054, 27.2930



2.6278, 1.2935, 2.8874

Previews

White Background



This preview shows how the XYZ color 61.7564, 57.1045, 101.5333 looks on a white background.

Color Contrast Check

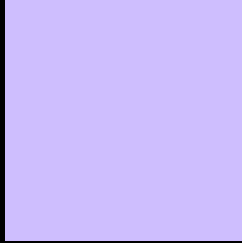
Large Text (above 18pt) WCAG AA × Fail

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 61.7564, 57.1045, 101.5333 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

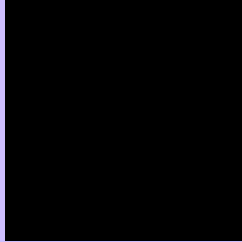
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.7564, 57.1045, 101.5333

Background



This preview shows how black text looks on a background with the XYZ color 61.7564, 57.1045, 101.5333.

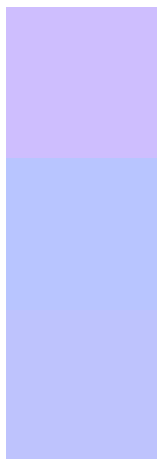


This preview shows how white text looks on a background with the XYZ color 61.7564, 57.1045,

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

61.7564, 57.1045, 101.5333

Protanopia

57.7834, 57.3429, 102.6305

Deuteranopia

58.4799, 57.0692, 100.8617



Tritanopia

55.7575, 57.3344, 71.0787

Trichromacy



Original Color

61.7564, 57.1045, 101.5333

Protanomaly

59.0800, 57.0100, 102.4979

Deuteranomaly

59.5645, 56.9675, 100.7850

Tritanomaly

57.8758, 57.1882, 81.3868

Monochromacy



Original Color

61.7564, 57.1045, 101.5333

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

57.8738, 58.3051, 76.6104

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.7564, 57.1045, 101.5333 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, 190, 254)` looks like.

```
.text, #text, p{  
    color:rgb(206, 190, 254)  
}
```

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, 190, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 190, 254) }
```

Border

The CSS property to change the border of an element to XYZ 61.7564, 57.1045, 101.5333 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, 190, 254) }
```


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

```
.border{ border-color:rgb(206, 190, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 190, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 190, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 190, 254);  
box-shadow:4px 4px 4px 4px rgb(206, 190,  
254) }
```

Background

The CSS property to change the background color of an element to XYZ 61.7564, 57.1045, 101.5333 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 190, 254) }
```

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

```
.background{ background-color: rgb(206,  
190, 254) }
```

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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