

Converting Colors

XYZ(54.2387, 51.0540, 79.6458)

Have a look what the booklet for
XYZ(54.2387, 51.0540, 79.6458)
contains.

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Color

**XYZ(54.4125, 51.2813,
79.7035)**

Conversions

Conversions Part 1

Format	Color
Hex	C8B6E3
RGB	200, 182, 227
RGB Percent	78%, 71%, 89%
CMY	0.2157, 0.2863, 0.1098
CMYK	0.12, 0.20, 0.00, 0.11
HSL	264°, 45%, 80%
HSV	264°, 20%, 89%
XYZ	54.4125, 51.2813, 79.7035
YIQ	192.5120, -3.7170, 17.8110

Conversions

Conversions Part 2

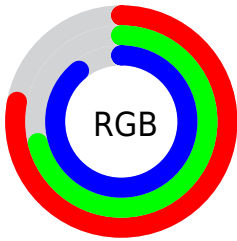
Format	Color
RYB	200, 182, 227
Decimal	13154019
CIELab	76.85, 14.96, -20.16
CIELCh	77, 25.104, 306.567
Yxy	51.2813, 0.2935, 0.2766
Android (android.graphics.Color)	4291344099 (0xFFC8B6E3)
YUV	192.5120, 17.0026, 6.5670
Hunter-Lab	71.6110, 10.3113, -15.8625

Details

The XYZ color **54.4125, 51.2813, 79.7035** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **62.2088, 71.8722, 54.8523**, and the grayscale version is **50.3088, 52.9287, 57.6394**.

A 20% lighter version of the original color is **89.8645, 89.6291, 107.1715**, and **27.1507, 24.7901, 42.3837** is the 20% darker color. If you saturate the color by 10%, you get **46.6583, 40.9341, 78.1158**, and if you desaturate by 10%, it is **63.2475, 63.3069, 81.5598**.

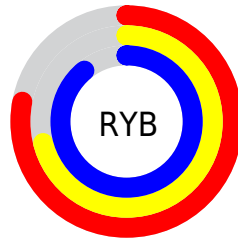
Distribution



Red (78%)

Green (71%)

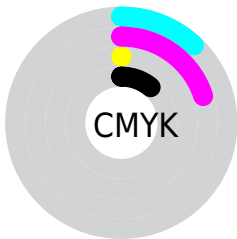
Blue (89%)



Red (78%)

Yellow (71%)

Blue (89%)

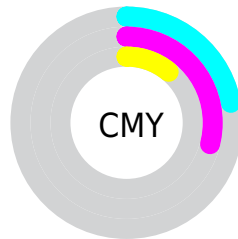


Cyan (12%)

Magenta (20%)

Yellow (0%)

Black (11%)



Cyan (22%)

Magenta (29%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.4125, 51.2813, 79.7035 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 54.4125, 51.2813, 79.7035 by changing the saturation by 10% instead.

■ 54.4125, 51.2813,
79.7035

■ 54.4125, 51.2813,
79.7035

393.8538,
391.6557, 513.6134

■ 39.1635, 36.4325,
58.9497

■ 95.8330, 92.0704,
134.7564

■ 27.0683, 24.7684,
42.1529

122.7352,
118.7796, 169.8926

■ 17.7613, 15.9046,
28.8945

154.2526,
150.2110, 210.6599

■ 10.8774, 9.4567,
18.7562

190.7504,
186.7491, 257.4770

■ 6.0512, 5.0402,
11.3192

232.5941,
228.7782, 310.7624

■ 2.9172, 2.2709,
6.1651

280.1490,

■ 1.1101, 0.7582,

276.6827, 370.9345

2.8753

333.7804,
330.8471, 438.4120

■ 0.0336, 0.0000,
1.0313

■ 0.0000, 0.0000,
0.0000

■ 54.4125, 51.2813,
79.7035

■ 54.4125, 51.2813,
79.7035

■ 46.6583, 40.9341,
78.1158

■ 63.2475, 63.3069,
81.5598

■ 39.9355, 32.1821,
76.7808

■ 73.2005, 77.0764,
83.6930

■ 34.1977, 24.9444,
75.6862

■ 84.3126, 92.6592,
86.1151

■ 29.3927, 19.1303,
74.8172

■ 90.6759, 98.2285,
86.8547

■ 25.4630, 14.6390,
74.1574

■ 90.8653, 98.3261,
86.8636

■ 22.3437, 11.3559,
73.6881

■ 19.9593, 9.1456,
73.3872

■ 18.1877, 7.7809,
73.2171

■ 18.1595, 7.7599,
73.2146

Harmonies

Analogous

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



49.7978, 51.2813, 86.2095



54.4125, 51.2813, 79.7035



57.6507, 51.2813, 66.9482

Triad

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



54.4125, 51.2813, 79.7035



52.4807, 51.2813, 35.0362



40.1853, 51.2813, 58.8948

Complementary

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



54.4125, 51.2813, 79.7035



62.2088, 71.8722, 54.8523

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.



40.8007, 51.2813, 46.0280



54.4125, 51.2813, 79.7035



47.6999, 51.2813, 33.5948

Square

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



54.4125, 51.2813, 79.7035



56.4855, 51.2813, 41.6035



43.4786, 51.2813, 37.2844



41.7394, 51.2813, 72.9939

Rectangle

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



54.4125, 51.2813, 79.7035



58.4824, 51.2813, 57.4246



43.4786, 51.2813, 37.2844



40.1469, 51.2813, 54.2782

Sweetspot

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



54.4141, 51.2834, 79.7046



87.0646, 88.9239, 107.1830



56.1432, 61.4627, 81.5783



18.4564, 18.7862, 22.9033



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.



54.4141, 51.2834, 79.7046



66.2941, 60.6630, 102.8228



60.6423, 54.4942, 79.9961



14.1257, 14.1670, 18.1343



10.7139, 4.5891, 42.7043



0.8942, 0.3920, 3.1605

Inverse Universe

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



59.9168, 54.3924, 67.6647



74.8436, 65.4971, 83.9449



56.4691, 68.9132, 54.5837



14.7383, 14.5125, 16.8220



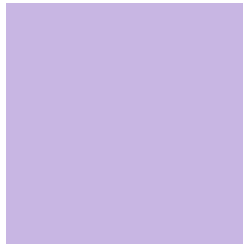
21.1344, 10.5880, 14.8684



1.6073, 0.8006, 1.3388

Previews

White Background



This preview shows how the XYZ color 54.4125, 51.2813, 79.7035 looks on a white background.

Color Contrast Check

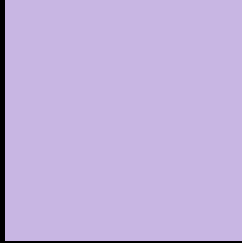
Large Text (above 18pt) WCAG AA × Fail

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 54.4125, 51.2813, 79.7035 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

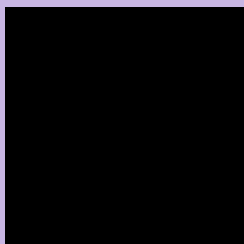
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.4125, 51.2813, 79.7035

Background



This preview shows how black text looks on a background with the XYZ color 54.4125, 51.2813, 79.7035.



This preview shows how white text looks on a background with the XYZ color 54.4125, 51.2813,

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

54.4125, 51.2813, 79.7035

Protanopia

51.2294, 51.4393, 82.8300

Deuteranopia

52.3116, 51.1361, 79.0646



Tritanopia

51.0779, 51.4935, 62.5055

Trichromacy



Original Color

54.4125, 51.2813, 79.7035

Protanomaly

52.3354, 51.3958, 82.0249

Deuteranomaly

53.1161, 51.2413, 79.0425

Tritanomaly

52.0078, 51.2214, 68.1184

Monochromacy



Original Color

54.4125, 51.2813, 79.7035

Achromatopsia

50.6879, 53.3276, 58.0738

Achromatomaly

51.9820, 52.5387, 65.1589

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.4125, 51.2813, 79.7035 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, 182, 227)` looks like.

```
.text, #text, p{  
    color:rgb(200, 182, 227)  
}
```

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, 182, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 182, 227) }
```

Border

The CSS property to change the border of an element to XYZ 54.4125, 51.2813, 79.7035 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, 182, 227) }
```


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

```
.border{ border-color:rgb(200, 182, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 182, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 182, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 182, 227);  
box-shadow:4px 4px 4px 4px rgb(200, 182,  
227) }
```

Background

The CSS property to change the background color of an element to XYZ 54.4125, 51.2813, 79.7035 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 182, 227) }
```

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

```
.background{ background-color: rgb(200,  
182, 227) }
```

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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