

Converting Colors

XYZ(50.8363, 54.3973, 81.2206)

Have a look what the booklet for
XYZ(50.8363, 54.3973, 81.2206)
contains.

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Color

**XYZ(50.9923, 54.6475,
81.2592)**

Conversions

Conversions Part 1

Format	Color
Hex	ABC6E4
RGB	171, 198, 228
RGB Percent	67%, 78%, 89%
CMY	0.3294, 0.2235, 0.1059
CMYK	0.25, 0.13, 0.00, 0.11
HSL	212°, 51%, 78%
HSV	212°, 25%, 89%
XYZ	50.9923, 54.6475, 81.2592
YIQ	193.3470, -25.7220, 3.6060

Conversions

Conversions Part 2

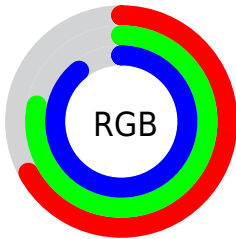
Format	Color
R _Y B	171, 189, 228
Decimal	11257572
CIE Lab	78.84, -2.50, -17.90
CIE LCh	79, 18.073, 262.038
Yxy	54.6475, 0.2728, 0.2924
Android (android.graphics.Color)	4289447652 (0xFFABC6E4)
YUV	193.3470, 17.0839, -19.5983
Hunter-Lab	73.9239, -6.2387, -13.4264

Details

The XYZ color **50.9923, 54.6475, 81.2592** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **60.2330, 61.2081, 47.1694**, and the grayscale version is **50.8075, 53.4534, 58.2108**.

A 20% lighter version of the original color is **85.4886, 95.0709, 108.4525**, and **24.9873, 26.8152, 43.3940** is the 20% darker color. If you saturate the color by 10%, you get **43.8131, 47.0360, 80.1693**, and if you desaturate by 10%, it is **59.2488, 63.1396, 82.4641**.

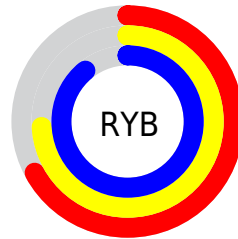
Distribution



Red (67%)

Green (78%)

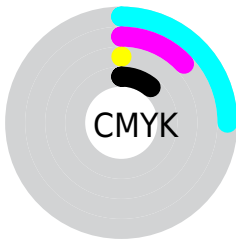
Blue (89%)



Red (67%)

Yellow (74%)

Blue (89%)

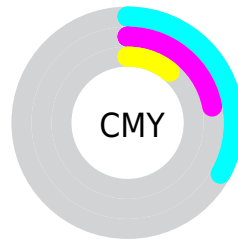


Cyan (25%)

Magenta (13%)

Yellow (0%)

Black (11%)



Cyan (33%)

Magenta (22%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.9923, 54.6475, 81.2592 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 50.9923, 54.6475, 81.2592 by changing the saturation by 10% instead.

■ 50.9923, 54.6475,
81.2592

■ 50.9923, 54.6475,
81.2592

380.9220,
404.5743, 518.9846

■ 36.4235, 39.1196,
60.2228

■ 90.8264, 97.0243,
136.9620

■ 24.9331, 26.8528,
43.1718

116.8225,
124.6420, 172.4655

■ 16.1557, 17.4627,
29.6875

147.3584,
157.0583, 213.6285

■ 9.7259, 10.5649,
19.3515

182.7994,
194.6577, 260.8696

■ 5.2785, 5.7751,
11.7452

223.5109,
237.8247, 314.6071

■ 2.4480, 2.7088,
6.4500

269.8583,

■ 0.8691, 0.9817,

286.9435, 375.2598

3.0474

322.2069,
342.3986, 443.2461

■ 0.0000, 0.0000,
1.1189

■ 0.0000, 0.0000,
0.0000

■ 50.9923, 54.6475,
81.2592

■ 50.9923, 54.6475,
81.2592

■ 43.8131, 47.0360,
80.1693

■ 59.2488, 63.1396,
82.4641

■ 37.6572, 40.2659,
79.1870

■ 68.6233, 72.5365,
83.7838

■ 32.4731, 34.3043,
78.3095

■ 79.1602, 82.8694,
85.2229

■ 28.2027, 29.1131,
77.5326

■ 88.2000, 92.7740,
86.6582

■ 24.7807, 24.6503,
76.8516

■ 91.0038, 98.3815,
87.5928

■ 22.1319, 20.8686,
76.2612

■ 20.1654, 17.7118,
75.7556

■ 19.3671, 16.3281,
75.5306

Harmonies

Analogous

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



47.8171, 54.6475, 76.4526



50.9923, 54.6475, 81.2592



54.5689, 54.6475, 79.7286

Triad

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



50.9923, 54.6475, 81.2592



58.5921, 54.6475, 52.4015



46.6963, 54.6475, 48.1712

Complementary

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



50.9923, 54.6475, 81.2592



60.2330, 61.2081, 47.1694

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.



49.3985, 54.6475, 43.0227



50.9923, 54.6475, 81.2592



56.2951, 54.6475, 45.2622

Square

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



50.9923, 54.6475, 81.2592



59.0668, 54.6475, 62.2771



52.9010, 54.6475, 42.0225



45.4123, 54.6475, 56.8103

Rectangle

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



50.9923, 54.6475, 81.2592



56.6919, 54.6475, 75.3917



52.9010, 54.6475, 42.0225



47.4628, 54.6475, 46.0179

Sweetspot

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



50.9940, 54.6497, 81.2604



85.8611, 90.9223, 107.6321



55.0173, 68.3371, 65.2117



18.2157, 19.2996, 23.0151



0.0000, 0.0000, 0.0000



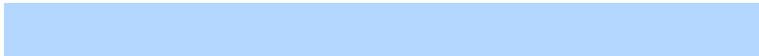
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



50.9940, 54.6497, 81.2604



60.7591, 65.2123, 103.9926



45.5702, 43.4939, 79.3930



14.1431, 15.0076, 18.2957



11.3000, 9.6620, 43.6526



0.9275, 0.8989, 3.2566

Inverse Universe

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



56.7523, 49.6986, 60.0300



69.4923, 58.1930, 71.6840



66.7894, 74.7671, 49.4410



14.6598, 14.4811, 16.4090



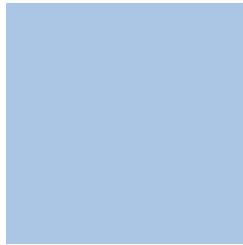
20.0972, 10.1731, 9.4068



1.5318, 0.7704, 0.9408

Previews

White Background



This preview shows how the XYZ color 50.9923, 54.6475, 81.2592 looks on a white background.

Color Contrast Check

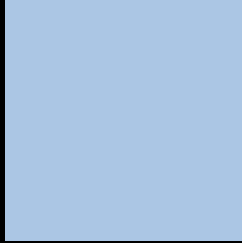
Large Text (above 18pt) WCAG AA × Fail

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 50.9923, 54.6475, 81.2592 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

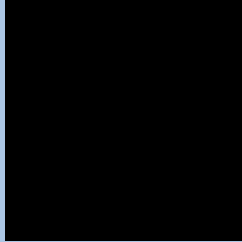
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

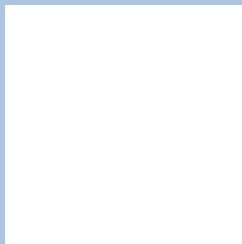
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 50.9923, 54.6475, 81.2592

Background



This preview shows how black text looks on a background with the XYZ color 50.9923, 54.6475, 81.2592.



This preview shows how white text looks on a background with the XYZ color 50.9923, 54.6475,

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

50.9923, 54.6475, 81.2592

Protanopia

53.6468, 54.3950, 78.9060

Deuteranopia

55.7223, 54.4104, 82.4283



Tritanopia

49.4111, 54.7014, 72.9199

Trichromacy



Original Color

50.9923, 54.6475, 81.2592

Protanomaly

52.5340, 54.4663, 79.6957

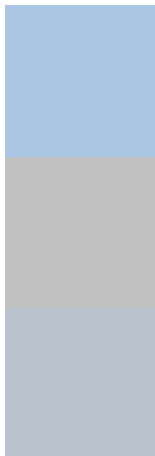
Deuteranomaly

53.9519, 54.4884, 81.8025

Tritanomaly

49.9193, 54.5602, 75.6103

Monochromacy



Original Color

50.9923, 54.6475, 81.2592

Achromatopsia

50.6879, 53.3276, 58.0738

Achromatomaly

50.6633, 53.8007, 66.1069

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.9923, 54.6475, 81.2592 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(171, 198, 228)` looks like.

```
.text, #text, p{  
    color:rgb(171, 198, 228)  
}
```

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(171, 198, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 198, 228) }
```

Border

The CSS property to change the border of an element to XYZ 50.9923, 54.6475, 81.2592 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(171, 198, 228) }
```


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

```
.border{ border-color:rgb(171, 198, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 198, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(171, 198, 228); -webkit-box-shadow:4px 4px 4px 4px rgb(171, 198, 228); box-shadow:4px 4px 4px 4px rgb(171, 198, 228) }
```

Background

The CSS property to change the background color of an element to XYZ 50.9923, 54.6475, 81.2592 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 198, 228) }
```

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

```
.background{ background-color: rgb(171,  
198, 228) }
```

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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