

Converting Colors

XYZ(60.7018, 52.1883,
123.6191)

Have a look what the booklet for
XYZ(60.7018, 52.1883, 123.6191)
contains.

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Color

**XYZ(56.2778, 50.2664,
101.3440)**

Conversions

Conversions Part 1

Format	Color
Hex	C3B1FF
RGB	195, 177, 255
RGB Percent	76%, 69%, 100%
CMY	0.2353, 0.3059, 0.0000
CMYK	0.24, 0.31, 0.00, 0.00
HSL	254°, 100%, 85%
HSV	254°, 31%, 100%
XYZ	56.2778, 50.2664, 101.3440
YIQ	191.2740, -14.3100, 28.0740

Conversions

Conversions Part 2

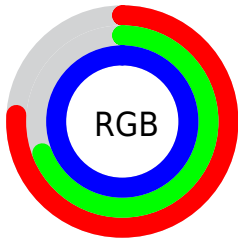
Format	Color
RYB	195, 177, 255
Decimal	12825087
CIELab	76.23, 22.30, -36.25
CIELCh	76, 42.564, 301.603
Yxy	50.2664, 0.2707, 0.2418
Android (android.graphics.Color)	4291015167 (0xFFC3B1FF)
YUV	191.2740, 31.4169, 3.2677
Hunter-Lab	70.8988, 17.6162, -35.1210

Details

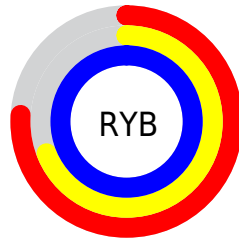
The XYZ color **56.2778, 50.2664, 101.3440** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **78.6217, 92.6992, 55.3460**, and the grayscale version is **49.5109, 52.0893, 56.7253**.

A 20% lighter version of the original color is **87.6969, 86.3805, 106.6587**, and **28.2159, 24.0680, 56.5845** is the 20% darker color. If you saturate the color by 10%, you get **46.9642, 38.6746, 99.5974**, and if you desaturate by 10%, it is **67.2013, 64.0873, 103.4359**.

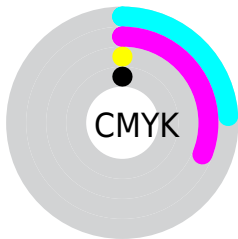
Distribution



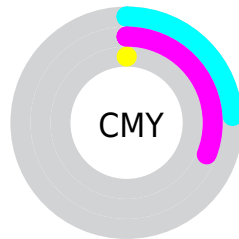
- Red (76%)
- Green (69%)
- Blue (100%)



- Red (76%)
- Yellow (69%)
- Blue (100%)



- Cyan (24%)
- Magenta (31%)
- Yellow (0%)
- Black (0%)



- Cyan (24%)
- Magenta (31%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.2778, 50.2664, 101.3440 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 56.2778, 50.2664, 101.3440 by changing the saturation by 10% instead.

■ 56.2778, 50.2664,
101.3440

■ 56.2778, 50.2664,
101.3440

400.7956,
387.7068, 585.7766

■ 40.6636, 35.6251,
76.8003

■ 98.5481, 90.5695,
165.0709

■ 28.2428, 24.1448,
56.5784

125.9349,
117.0000, 205.0912

■ 18.6502, 15.4411,
40.2598

157.9765,
148.1291, 251.1074

■ 11.5203, 9.1295,
27.4258

195.0384,
184.3412, 303.5381

■ 6.4878, 4.8258,
17.6580

237.4859,
226.0206, 362.8018

■ 3.1873, 2.1454,
10.5378

285.6844,

■ 1.2536, 0.6900,

273.5518, 429.3171

5.6468

339.9992,
327.3190, 503.5025

■ 0.1481, 0.0000,
2.5662

■ 0.0000, 0.0000,
0.8749

■ 56.2778, 50.2664,
101.3440

■ 56.2778, 50.2664,
101.3440

■ 46.9642, 38.6746,
99.5974

■ 67.2013, 64.0873,
103.4359

■ 39.1776, 29.1879,
98.1767

■ 79.8030, 80.2410,
105.8897

■ 32.8344, 21.6787,
97.0616

■ 94.1525, 98.8316,
108.7218

■ 27.8409, 16.0029,
96.2292

■ 95.0500, 100.0000,
108.9000

■ 24.0913, 11.9963,
95.6535

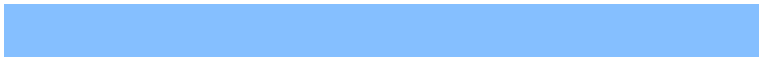
■ 21.4624, 9.4641,
95.3033

■ 19.8445, 8.1451,
95.1340

Harmonies

Analogous

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



48.2072, 50.2664, 111.4652



56.2778, 50.2664, 101.3440



62.5870, 50.2664, 78.4061

Triad

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



56.2778, 50.2664, 101.3440



55.4527, 50.2664, 24.4596



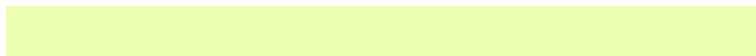
34.0203, 50.2664, 55.9701

Complementary

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



56.2778, 50.2664, 101.3440



78.6217, 92.6992, 55.3460

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.



35.5091, 50.2664, 36.3782



56.2778, 50.2664, 101.3440



47.3488, 50.2664, 21.5061

Square

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



56.2778, 50.2664, 101.3440



62.0745, 50.2664, 34.7806



40.1779, 50.2664, 25.1852



35.8625, 50.2664, 81.1431

Rectangle

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



56.2778, 50.2664, 101.3440



64.6224, 50.2664, 61.4037



40.1779, 50.2664, 25.1852



34.1468, 50.2664, 48.5612

Sweetspot

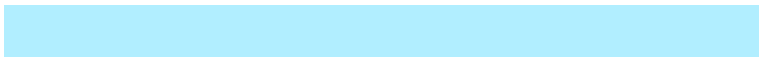
The Sweet Spot groups the original color and five complimentary colors.



56.2793, 50.2683, 101.3443



81.9614, 83.0255, 106.3134



66.7863, 77.7754, 106.0999



17.1191, 17.2239, 22.6722



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.



56.2793, 50.2683, 101.3443



50.1252, 42.5842, 100.1854



67.3449, 55.9729, 101.8621



17.3952, 17.5799, 22.7264



10.4760, 4.3111, 49.7146



1.1106, 0.4665, 4.8448

Inverse Universe

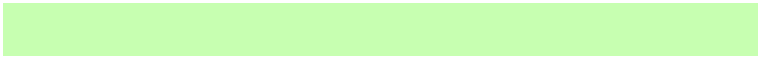
The Inverse Universe completely reimagines the original color for something new.



72.2492, 58.8204, 87.6672



68.6643, 52.5238, 83.7802



67.2767, 86.8507, 54.8151



18.6028, 18.2244, 21.7914



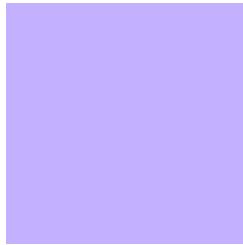
26.8244, 13.2190, 28.7893



2.6533, 1.3037, 3.0218

Previews

White Background



This preview shows how the XYZ color 56.2778, 50.2664, 101.3440 looks on a white background.

Color Contrast Check

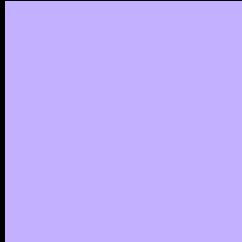
Large Text (above 18pt) WCAG AA × Fail

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 56.2778, 50.2664, 101.3440 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

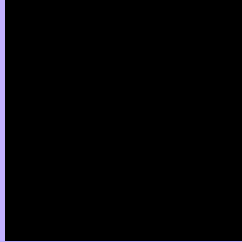
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.2778, 50.2664, 101.3440

Background



This preview shows how black text looks on a background with the XYZ color 56.2778, 50.2664, 101.3440.

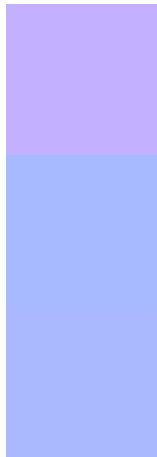


This preview shows how white text looks on a background with the XYZ color 56.2778, 50.2664,

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

56.2778, 50.2664, 101.3440

Protanopia

51.7574, 50.6626, 101.6587

Deuteranopia

51.6561, 50.3358, 99.9217



Tritanopia

48.4386, 50.1192, 62.9981

Trichromacy



Original Color

56.2778, 50.2664, 101.3440

Protanomaly

53.3436, 50.5519, 101.5537

Deuteranomaly

53.2077, 50.1954, 100.6503

Tritanomaly

50.9709, 49.9062, 75.3530

Monochromacy



Original Color

56.2778, 50.2664, 101.3440

Achromatopsia

49.5206, 52.0996, 56.7364

Achromatomaly

51.4347, 51.1793, 70.7860

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.2778, 50.2664, 101.3440 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(195, 177, 255)` looks like.

```
.text, #text, p{  
    color:rgb(195, 177, 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(195, 177, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 177, 255) }
```

Border

The CSS property to change the border of an element to XYZ 56.2778, 50.2664, 101.3440 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(195, 177, 255) }
```


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

```
.border{ border-color:rgb(195, 177, 255) }
```

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

Here you see how a box with a 4 pixel rgb(195, 177, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 177, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 177, 255);  
box-shadow:4px 4px 4px 4px rgb(195, 177,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 56.2778, 50.2664, 101.3440 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 177, 255) }
```

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

```
.background{ background-color: rgb(195,  
177, 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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