

Converting Colors

XYZ(64.5423, 52.8154,
153.4640)

Have a look what the booklet for
XYZ(64.5423, 52.8154, 153.4640)
contains.

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Color

**XYZ(54.6152, 48.8271,
101.1538)**

Conversions

Conversions Part 1

Format	Color
Hex	BEAFFF
RGB	190, 175, 255
RGB Percent	75%, 69%, 100%
CMY	0.2549, 0.3137, 0.0000
CMYK	0.25, 0.31, 0.00, 0.00
HSL	251°, 100%, 84%
HSV	251°, 31%, 100%
XYZ	54.6152, 48.8271, 101.1538
YIQ	188.6050, -16.7400, 28.0600

Conversions

Conversions Part 2

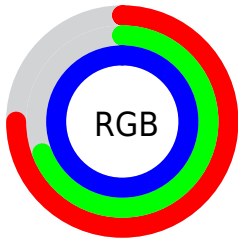
Format	Color
R_{YB}	190, 175, 255
Decimal	12496895
CIE _{Lab}	75.34, 21.96, -37.66
CIE _{LCh}	75, 43.597, 300.246
Yxy	48.8271, 0.2669, 0.2387
Android (android.graphics.Color)	4290686975 (0xFFBEAFFF)
YUV	188.6050, 32.7327, 1.2234
Hunter-Lab	69.8764, 17.2314, -36.9154

Details

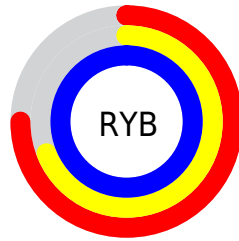
The XYZ color **54.6152, 48.8271, 101.1538** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **79.4336, 93.1407, 54.3507**, and the grayscale version is **47.9717, 50.4700, 54.9618**.

A 20% lighter version of the original color is **84.9837, 84.1460, 106.3704**, and **27.1442, 23.1472, 56.4633** is the 20% darker color. If you saturate the color by 10%, you get **45.3006, 37.3412, 99.4277**, and if you desaturate by 10%, it is **65.6055, 62.5701, 103.2272**.

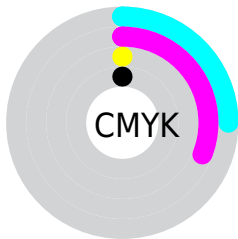
Distribution



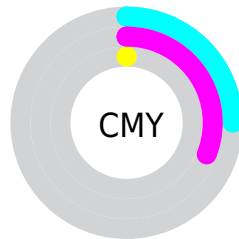
- Red (75%)
- Green (69%)
- Blue (100%)



- Red (75%)
- Yellow (69%)
- Blue (100%)



- Cyan (25%)
- Magenta (31%)
- Yellow (0%)
- Black (0%)



- Cyan (25%)
- Magenta (31%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.6152, 48.8271, 101.1538 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 54.6152, 48.8271, 101.1538 by changing the saturation by 10% instead.

■ 54.6152, 48.8271,
101.1538

■ 54.6152, 48.8271,
101.1538

394.6118,
382.0613, 585.1638

■ 39.3263, 34.4823,
76.6422

■ 96.1285, 88.4346,
164.8075

■ 27.1956, 23.2644,
56.4495

123.0838,
114.4661, 204.7868

■ 17.8575, 14.7889,
40.1570

154.6585,
145.1621, 250.7590

■ 10.9468, 8.6713,
27.3463

191.2180,
180.9068, 303.1428

■ 6.0981, 4.5274,
17.5987

233.1278,
222.0846, 362.3566

■ 2.9460, 1.9728,
10.4958

280.7531,

■ 1.1253, 0.5916,

269.0801, 428.8190

5.6190

334.4593,
322.2775, 502.9486

■ 0.0461, 0.0000,
2.5498

■ 0.0000, 0.0000,
0.8664

■ 54.6152, 48.8271,
101.1538

■ 54.6152, 48.8271,
101.1538

■ 45.3006, 37.3412,
99.4277

■ 65.6055, 62.5701,
103.2272

■ 37.5735, 27.9850,
98.0291

■ 78.3448, 78.6771,
105.6647

■ 31.3441, 20.6273,
96.9372

■ 92.9074, 97.2547,
108.4830

■ 26.5116, 15.1193,
96.1287

■ 95.0500, 100.0000,
108.9000

■ 22.9624, 11.2915,
95.5770

■ 20.5630, 8.9415,
95.2498

■ 19.2601, 7.8438,
95.1066

Harmonies

Analogous

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



46.4748, 48.8271, 110.6650



54.6152, 48.8271, 101.1538



61.1204, 48.8271, 78.2241

Triad

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



54.6152, 48.8271, 101.1538



54.4877, 48.8271, 23.3078



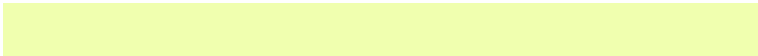
32.6365, 48.8271, 53.3539

Complementary

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



54.6152, 48.8271, 101.1538



79.4336, 93.1407, 54.3507

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.



34.2702, 48.8271, 34.1252



54.6152, 48.8271, 101.1538



46.3426, 48.8271, 20.1076

Square

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



54.6152, 48.8271, 101.1538



61.0411, 48.8271, 33.8819



39.0684, 48.8271, 23.4172



34.3242, 48.8271, 78.6489

Rectangle

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



54.6152, 48.8271, 101.1538



63.3205, 48.8271, 61.0011



39.0684, 48.8271, 23.4172



32.8129, 48.8271, 46.0294

Sweetspot

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



54.6167, 48.8290, 101.1541



81.6301, 82.8548, 106.2979



66.9886, 78.8514, 106.2969



17.0381, 17.1821, 22.6684



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.



54.6167, 48.8290, 101.1541



48.2593, 40.9693, 99.9721



65.9073, 54.6495, 101.6825



17.3207, 17.5416, 22.7229



10.1542, 4.1452, 49.6995



1.0693, 0.4452, 4.8428

Inverse Universe

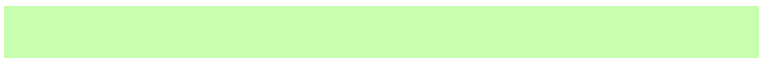
The Inverse Universe completely reimagines the original color for something new.



72.2990, 58.2127, 89.8641



68.7453, 51.8524, 86.3766



67.4075, 86.9410, 53.7879



18.6380, 18.2385, 21.9767



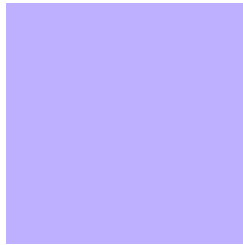
27.4980, 13.4885, 32.3367



2.7134, 1.3277, 3.3381

Previews

White Background



This preview shows how the XYZ color 54.6152, 48.8271, 101.1538 looks on a white background.

Color Contrast Check

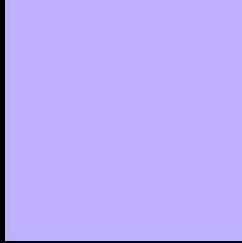
Large Text (above 18pt) WCAG AA × Fail

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 54.6152, 48.8271, 101.1538 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 54.6152, 48.8271, 101.1538

Background



This preview shows how black text looks on a background with the XYZ color 54.6152, 48.8271, 101.1538.



This preview shows how white text looks on a background with the XYZ color 54.6152, 48.8271,

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

54.6152, 48.8271, 101.1538

Protanopia

50.2933, 48.9795, 101.4110

Deuteranopia

50.1802, 48.9582, 99.7336



Tritanopia

46.8066, 48.9912, 61.6329

Trichromacy



Original Color

54.6152, 48.8271, 101.1538

Protanomaly

51.6048, 48.7468, 101.2969

Deuteranomaly

51.6662, 48.7969, 100.4616

Tritanomaly

49.4134, 48.8136, 74.5277

Monochromacy



Original Color

54.6152, 48.8271, 101.1538

Achromatopsia

48.3692, 50.8881, 55.4172

Achromatomaly

50.1370, 49.9039, 69.9407

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.6152, 48.8271, 101.1538 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(190, 175, 255)` looks like.

```
.text, #text, p{  
    color:rgb(190, 175, 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(190, 175, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 175, 255) }
```

Border

The CSS property to change the border of an element to XYZ 54.6152, 48.8271, 101.1538 is called "border". The border property can be set on classes, ids or directly on the HTML element.

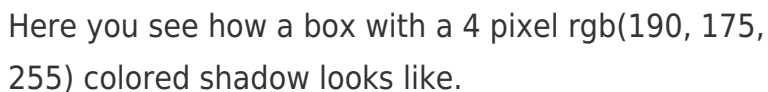
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(190, 175, 255) }
```


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

```
.border{ border-color:rgb(190, 175, 255) }
```

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



Here you see how a box with a 4 pixel `rgb(190, 175, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 175, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 175, 255);  
box-shadow:4px 4px 4px 4px rgb(190, 175,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 54.6152, 48.8271, 101.1538 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 175, 255) }
```

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

```
.background{ background-color: rgb(190,  
175, 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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