

Converting Colors

XYZ(56.7659, 50.9071,
144.2902)

Have a look what the booklet for
XYZ(56.7659, 50.9071, 144.2902)
contains.

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Color

**XYZ(48.4785, 47.4358,
101.2087)**

Conversions

Conversions Part 1

Format	Color
Hex	9DB5FF
RGB	157, 181, 255
RGB Percent	62%, 71%, 100%
CMY	0.3843, 0.2902, 0.0000
CMYK	0.38, 0.29, 0.00, 0.00
HSL	225°, 100%, 81%
HSV	225°, 38%, 100%
XYZ	48.4785, 47.4358, 101.2087
YIQ	182.2600, -38.0580, 17.9260

Conversions

Conversions Part 2

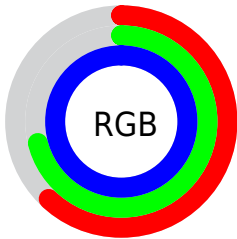
Format	Color
R_{YB}	157, 176, 255
Decimal	10335743
CIE _{Lab}	74.47, 9.54, -39.21
CIE _{LCh}	74, 40.352, 283.681
Yxy	47.4358, 0.2459, 0.2406
Android (android.graphics.Color)	4288525823 (0xFF9DB5FF)
YUV	182.2600, 35.8608, -22.1530
Hunter-Lab	68.8737, 5.1129, -38.9141

Details

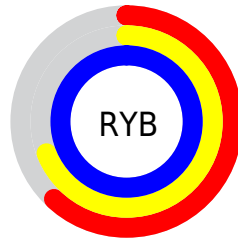
The XYZ color **48.4785, 47.4358, 101.2087** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **75.9025, 80.8471, 43.5048**, and the grayscale version is **44.4319, 46.7458, 50.9062**.

A 20% lighter version of the original color is **76.0657, 82.0845, 106.4425**, and **23.2790, 22.2823, 56.5000** is the 20% darker color. If you saturate the color by 10%, you get **40.3644, 37.8376, 99.7837**, and if you desaturate by 10%, it is **58.1749, 58.6549, 102.8631**.

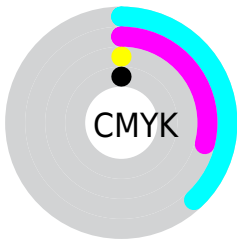
Distribution



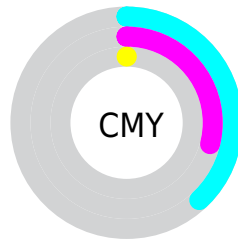
- Red (62%)
- Green (71%)
- Blue (100%)



- Red (62%)
- Yellow (69%)
- Blue (100%)



- Cyan (38%)
- Magenta (29%)
- Yellow (0%)
- Black (0%)



- Cyan (38%)
- Magenta (29%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 48.4785, 47.4358, 101.2087 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 48.4785, 47.4358, 101.2087 by changing the saturation by 10% instead.

■ 48.4785, 47.4358,
101.2087

■ 48.4785, 47.4358,
101.2087

371.2368,
376.5514, 585.3407

■ 34.4188, 33.3803,
76.6879

■ 87.1218, 86.3638,
164.8836

■ 23.3799, 22.4179,
56.4867

■ 112.4361,
112.0050, 204.8747

■ 14.9965, 14.1643,
40.1867

142.2327,
142.2770, 250.8596

■ 8.9033, 8.2350,
27.3692

176.8769,
177.5641, 303.2569

■ 4.7347, 4.2457,
17.6158

216.7340,
218.2507, 362.4851

■ 2.1256, 1.8119,
10.5079

262.1695,

■ 0.7031, 0.4946,

264.7212, 428.9628

5.6270

313.5486,
317.3599, 503.1085

■ 0.0000, 0.0000,
2.5546

■ 0.0000, 0.0000,
0.8689

■ 48.4785, 47.4358,
101.2087

■ 48.4785, 47.4358,
101.2087

■ 40.3644, 37.8376,
99.7837

■ 58.1749, 58.6549,
102.8631

■ 33.7408, 29.7774,
98.5770

■ 69.5293, 71.5619,
104.7560

■ 28.5135, 23.1724,
97.5776

■ 82.6180, 86.2262,
106.8966

■ 24.5743, 17.9294,
96.7733

95.0500, 100.0000,
108.9000

■ 21.7981, 13.9427,
96.1501

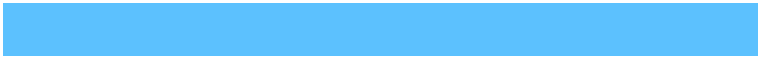
■ 20.0176, 11.0808,
95.6915

■ 19.7971, 10.7142,
95.6324

Harmonies

Analogous

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



41.2667, 47.4358, 100.4627



48.4785, 47.4358, 101.2087



55.4605, 47.4358, 86.4015

Triad

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



48.4785, 47.4358, 101.2087



55.9852, 47.4358, 28.6164



32.9433, 47.4358, 41.1850

Complementary

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



48.4785, 47.4358, 101.2087



75.9025, 80.8471, 43.5048

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.



36.0939, 47.4358, 27.7452



48.4785, 47.4358, 101.2087



49.1346, 47.4358, 21.9397

Square

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



48.4785, 47.4358, 101.2087



60.0992, 47.4358, 42.7368



41.8562, 47.4358, 21.6709



32.8082, 47.4358, 61.7225

Rectangle

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



48.4785, 47.4358, 101.2087



58.8319, 47.4358, 71.5388



41.8562, 47.4358, 21.6709



33.6681, 47.4358, 35.8374

Sweetspot

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



48.4800, 47.4375, 101.2089



77.7413, 80.7847, 106.1033



64.0189, 84.4299, 88.1548



16.2701, 16.8774, 22.6501



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.



48.4800, 47.4375, 101.2089



42.1955, 40.0253, 100.1095



49.2820, 41.2202, 99.9666



17.3643, 18.1001, 22.8284



10.4415, 5.7926, 50.0023



1.0979, 0.7265, 4.8956

Inverse Universe

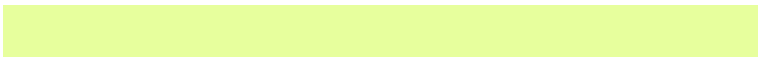
The Inverse Universe completely reimagines the original color for something new.



61.6385, 48.7118, 49.8713



57.2076, 42.1198, 41.3965



74.6404, 90.8605, 45.5041



18.1918, 18.0600, 19.6269



22.0586, 11.3127, 3.6930



2.1888, 1.1179, 0.5756

Previews

White Background



This preview shows how the XYZ color 48.4785, 47.4358, 101.2087 looks on a white background.

Color Contrast Check

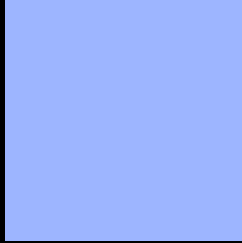
Large Text (above 18pt) WCAG AA × Fail

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 48.4785, 47.4358, 101.2087 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

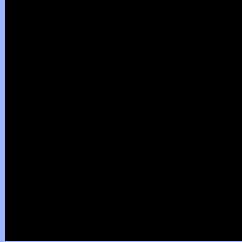
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 48.4785, 47.4358, 101.2087

Background



This preview shows how black text looks on a background with the XYZ color 48.4785, 47.4358, 101.2087.



This preview shows how white text looks on a background with the XYZ color 48.4785, 47.4358,

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

48.4785, 47.4358, 101.2087

Protanopia

48.7079, 47.2719, 100.3231

Deuteranopia

48.6744, 47.5368, 101.2179



Tritanopia

41.2311, 47.3029, 65.3498

Trichromacy



Original Color

48.4785, 47.4358, 101.2087

Protanomaly

48.5087, 47.1692, 100.3138

Deuteranomaly

48.6744, 47.5368, 101.2179

Tritanomaly

43.6193, 47.3120, 77.3542

Monochromacy



Original Color

48.4785, 47.4358, 101.2087

Achromatopsia

44.4628, 46.7784, 50.9417

Achromatomaly

45.4702, 46.9436, 66.9861

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.4785, 47.4358, 101.2087 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(157, 181, 255)` looks like.

```
.text, #text, p{  
    color:rgb(157, 181, 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(157, 181, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 181, 255) }
```

Border

The CSS property to change the border of an element to XYZ 48.4785, 47.4358, 101.2087 is called "border". The border property can be set on classes, ids or directly on the HTML element.

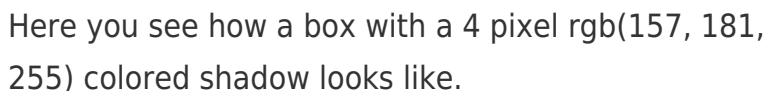
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(157, 181, 255) }
```


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

```
.border{ border-color:rgb(157, 181, 255) }
```

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



Here you see how a box with a 4 pixel `rgb(157, 181, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 181, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 181, 255);  
box-shadow:4px 4px 4px 4px rgb(157, 181,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 48.4785, 47.4358, 101.2087 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 181, 255) }
```

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

```
.background{ background-color: rgb(157,  
181, 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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