

Converting Colors

XYZ(44.4319, 47.9323, 79.0551)

Have a look what the booklet for
XYZ(44.4319, 47.9323, 79.0551)
contains.

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Color

**XYZ(44.4732, 48.0367,
78.8795)**

Conversions

Conversions Part 1

Format	Color
Hex	97BCE2
RGB	151, 188, 226
RGB Percent	59%, 74%, 89%
CMY	0.4078, 0.2627, 0.1137
CMYK	0.33, 0.17, 0.00, 0.11
HSL	210°, 56%, 74%
HSV	210°, 33%, 89%
XYZ	44.4732, 48.0367, 78.8795
YIQ	181.2690, -34.2500, 3.9740

Conversions

Conversions Part 2

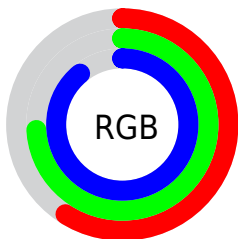
Format	Color
R _{YB}	151, 176, 226
Decimal	9944290
CIE Lab	74.85, -3.42, -22.99
CIE LCh	75, 23.242, 261.550
Yxy	48.0367, 0.2595, 0.2803
Android (android.graphics.Color)	4288134370 (0xFF97BCE2)
YUV	181.2690, 22.0524, -26.5459
Hunter-Lab	69.3085, -6.7518, -18.9615

Details

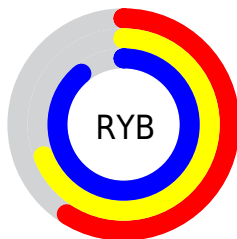
The XYZ color **44.4732, 48.0367, 78.8795** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **55.1485, 54.7992, 36.9504**, and the grayscale version is **43.9654, 46.2550, 50.3717**.

A 20% lighter version of the original color is **76.1328, 85.1868, 107.0378**, and **20.9444, 22.8096, 41.8269** is the 20% darker color. If you saturate the color by 10%, you get **38.3245, 41.3796, 77.9194**, and if you desaturate by 10%, it is **51.6230, 55.5003, 79.9441**.

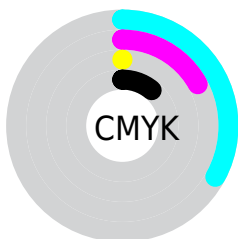
Distribution



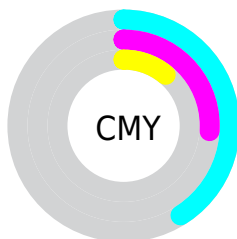
- Red (59%)
- Green (74%)
- Blue (89%)



- Red (59%)
- Yellow (69%)
- Blue (89%)



- Cyan (33%)
- Magenta (17%)
- Yellow (0%)
- Black (11%)



- Cyan (41%)
- Magenta (26%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 44.4732, 48.0367, 78.8795 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 44.4732, 48.0367, 78.8795 by changing the saturation by 10% instead.

■ 44.4732, 48.0367,
78.8795

■ 44.4732, 48.0367,
78.8795

355.4555,
378.9376, 510.7554

■ 31.2422, 33.8560,
58.2760

■ 81.1713, 87.2590,
133.5863

■ 20.9361, 22.7830,
41.6144

■ 105.3690,
113.0694, 168.5268

■ 13.1895, 14.4333,
28.4762

133.9531,
143.5251, 209.0832

■ 7.6370, 8.4227,
18.4428

167.2889,
179.0106, 255.6743

■ 3.9134, 4.3666,
11.0956

205.7416,
219.9102, 308.7185

■ 1.6533, 1.8807,
6.0162

249.6767,

■ 0.4268, 0.5367,

266.6083, 368.6344

2.7860

299.4596,
319.4893, 435.8406

■ 0.0000, 0.0000,
0.9864

■ 0.0000, 0.0000,
0.0000

■ 44.4732, 48.0367,
78.8795

■ 44.4732, 48.0367,
78.8795

■ 38.3245, 41.3796,
77.9194

■ 51.6230, 55.5003,
79.9441

■ 33.1218, 35.4905,
77.0569

■ 59.8161, 63.7951,
81.1134

■ 28.8111, 30.3358,
76.2892

■ 69.0977, 72.9519,
82.3916

■ 25.3308, 25.8767,
75.6119

■ 79.5087, 82.9977,
83.7819

■ 22.6100, 22.0690,
75.0204

■ 87.6974, 92.2106,
85.1286

■ 20.5639, 18.8614,
74.5091

■ 90.7276, 98.2710,
86.1387

■ 19.4664, 16.9687,
74.2016

Harmonies

Analogous

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



40.7864, 48.0367, 72.7388



44.4732, 48.0367, 78.8795



48.7092, 48.0367, 77.0853

Triad

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



44.4732, 48.0367, 78.8795



53.6440, 48.0367, 44.2093



39.5820, 48.0367, 39.1205

Complementary

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



44.4732, 48.0367, 78.8795



55.1485, 54.7992, 36.9504

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.



42.7359, 48.0367, 33.4996



44.4732, 48.0367, 78.8795



50.9016, 48.0367, 36.1066

Square

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



44.4732, 48.0367, 78.8795



54.1802, 48.0367, 55.8003



46.8625, 48.0367, 32.4884



38.0788, 48.0367, 48.9565

Rectangle

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



44.4732, 48.0367, 78.8795



51.2647, 48.0367, 71.7347



46.8625, 48.0367, 32.4884



40.4747, 48.0367, 36.7427

Sweetspot

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



44.4747, 48.0386, 78.8806



82.2989, 87.5125, 107.1617



49.0912, 64.6255, 57.7480



17.2572, 18.3757, 22.8873



0.0000, 0.0000, 0.0000



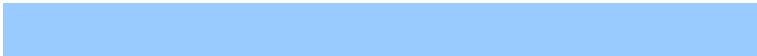
20.3446, 21.4041, 23.3091

Same Dimension

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



44.4747, 48.0386, 78.8806



52.6188, 56.8561, 102.8088



37.5580, 34.2051, 76.5750



13.5077, 14.3545, 17.4464



11.2239, 9.9174, 42.3710



0.8675, 0.8664, 2.9668

Inverse Universe

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



51.5090, 41.9343, 52.9582



63.4491, 48.3696, 62.6930



64.1472, 72.7967, 39.9499



13.9877, 13.8127, 15.7055



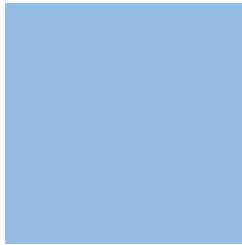
19.6055, 9.9092, 9.8543



1.4041, 0.7049, 0.9209

Previews

White Background



This preview shows how the XYZ color 44.4732, 48.0367, 78.8795 looks on a white background.

Color Contrast Check

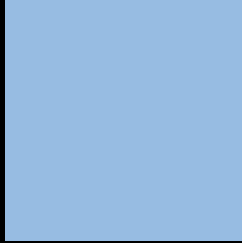
Large Text (above 18pt) WCAG AA × Fail

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 44.4732, 48.0367, 78.8795 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

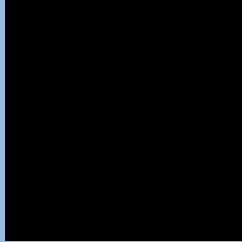
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

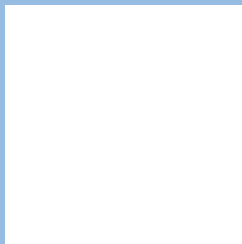
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 44.4732, 48.0367, 78.8795

Background



This preview shows how black text looks on a background with the XYZ color 44.4732, 48.0367, 78.8795.



This preview shows how white text looks on a background with the XYZ color 44.4732, 48.0367,

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

44.4732, 48.0367, 78.8795

Protanopia

47.5920, 47.8438, 75.8336

Deuteranopia

48.9153, 47.8277, 80.0523



Tritanopia

41.9259, 47.9696, 66.0808

Trichromacy



Original Color

44.4732, 48.0367, 78.8795

Protanomaly

46.1857, 47.7157, 76.5878

Deuteranomaly

47.1608, 47.8480, 79.4230

Tritanomaly

42.7638, 47.9779, 70.6251

Monochromacy



Original Color

44.4732, 48.0367, 78.8795

Achromatopsia

43.9204, 46.2077, 50.3202

Achromatomaly

43.7961, 46.8582, 59.5596

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.4732, 48.0367, 78.8795 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(151, 188, 226)` looks like.

```
.text, #text, p{  
    color:rgb(151, 188, 226)  
}
```

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(151, 188, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 188, 226) }
```

Border

The CSS property to change the border of an element to XYZ 44.4732, 48.0367, 78.8795 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(151, 188, 226) }
```


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

```
.border{ border-color:rgb(151, 188, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 188, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 188, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 188, 226);  
box-shadow:4px 4px 4px 4px rgb(151, 188,  
226) }
```

Background

The CSS property to change the background color of an element to XYZ 44.4732, 48.0367, 78.8795 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 188, 226) }
```

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

```
.background{ background-color: rgb(151,  
188, 226) }
```

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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