

Converting Colors

XYZ(47.4418, 54.9571, 78.6283)

Have a look what the booklet for
XYZ(47.4418, 54.9571, 78.6283)
contains.

XYZ(47.4418, 54.9571, 78.6283)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(47.4418, 54.9571,
78.6283)**

Conversions

Conversions Part 1

Format	Color
Hex	95CCE0
RGB	149, 204, 224
RGB Percent	58%, 80%, 88%
CMY	0.4157, 0.2000, 0.1216
CMYK	0.33, 0.09, 0.00, 0.12
HSL	196°, 55%, 73%
HSV	196°, 33%, 88%
XYZ	47.4418, 54.9571, 78.6283
YIQ	189.8350, -39.2000, -5.4400

Conversions

Conversions Part 2

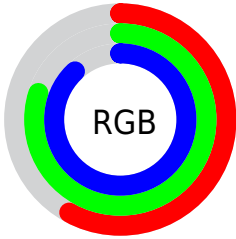
Format	Color
R_{YB}	149, 181, 224
Decimal	9817312
CIE _{Lab}	79.02, -12.93, -15.61
CIE _{LCh}	79, 20.272, 230.364
Yxy	54.9571, 0.2621, 0.3036
Android (android.graphics.Color)	4288007392 (0xFF95CCE0)
YUV	189.8350, 16.8433, -35.8123
Hunter-Lab	74.1331, -15.5009, -10.9921

Details

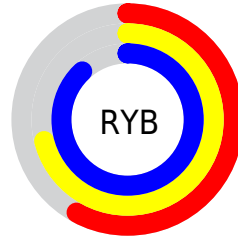
The XYZ color **47.4418, 54.9571, 78.6283** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **50.3540, 46.3937, 34.7360**, and the grayscale version is **48.7723, 51.3122, 55.8790**.

A 20% lighter version of the original color is **78.9868, 91.7191, 108.1483**, and **22.7871, 27.1102, 41.5679** is the 20% darker color. If you saturate the color by 10%, you get **42.3493, 50.2658, 77.9921**, and if you desaturate by 10%, it is **53.3781, 60.1668, 79.3219**.

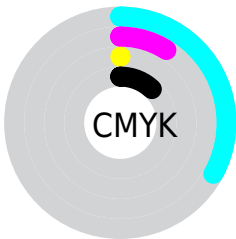
Distribution



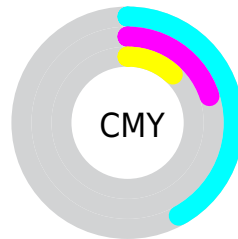
- Red (58%)
- Green (80%)
- Blue (88%)



- Red (58%)
- Yellow (71%)
- Blue (88%)



- Cyan (33%)
- Magenta (9%)
- Yellow (0%)
- Black (12%)



- Cyan (42%)
- Magenta (20%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 47.4418, 54.9571, 78.6283 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 47.4418, 54.9571, 78.6283 by changing the saturation by 10% instead.

■ 47.4418, 54.9571,
78.6283

■ 47.4418, 54.9571,
78.6283

367.1948,
405.7493, 509.8823

■ 33.5945, 39.3674,
58.0707

■ 85.5875, 97.4781,
133.2294

■ 22.7436, 27.0456,
41.4504

■ 110.6165,
125.1782, 168.1100

■ 14.5240, 17.6075,
28.3489

140.1034,
157.6838, 208.6020

■ 8.5701, 10.6686,
18.3475

174.4137,
195.3794, 255.1240

■ 4.5167, 5.8444,
11.0277

213.9126,
238.6493, 308.0944

■ 1.9984, 2.7507,
5.9711

258.9655,

■ 0.6331, 1.0030,

287.8780, 367.9320

2.7590

309.9378,
343.4499, 435.0551

■ 0.0000, 0.0000,
0.9729

■ 0.0000, 0.0000,
0.0000

■ 47.4418, 54.9571,
78.6283

■ 47.4418, 54.9571,
78.6283

■ 42.3493, 50.2658,
77.9921

■ 53.3781, 60.1668,
79.3219

■ 38.0496, 46.0620,
77.4073

■ 60.1953, 65.9110,
80.0714

■ 34.4942, 42.3207,
76.8726

■ 67.9344, 72.2130,
80.8799

■ 31.6263, 39.0121,
76.3851

■ 76.6321, 79.0927,
81.7494

■ 29.3809, 36.1015,
75.9417

■ 84.0799, 85.4122,
82.5766

■ 27.6788, 33.5472,
75.5383

■ 85.8078, 88.8681,
83.1526

■ 26.7792, 32.0308,
75.2931

■ 87.5937, 92.4398,
83.7479

■ 89.4379, 96.1283,
84.3626

■ 90.4547, 98.1619,
84.7016

Harmonies

Analogous

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



45.2956, 54.9571, 67.9068



47.4418, 54.9571, 78.6283



50.9475, 54.9571, 84.5199

Triad

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



47.4418, 54.9571, 78.6283



60.2613, 54.9571, 63.6347



49.5821, 54.9571, 41.3360

Complementary

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



47.4418, 54.9571, 78.6283



50.3540, 46.3937, 34.7360

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.



53.5441, 54.9571, 40.5016



47.4418, 54.9571, 78.6283



59.8494, 54.9571, 52.4368

Square

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



47.4418, 54.9571, 78.6283



58.4390, 54.9571, 75.1572



57.3408, 54.9571, 44.3101



46.4865, 54.9571, 46.7578

Rectangle

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



47.4418, 54.9571, 78.6283



53.6430, 54.9571, 84.4581



57.3408, 54.9571, 44.3101



50.8520, 54.9571, 40.5394

Sweetspot

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



47.4435, 54.9593, 78.6296



84.1520, 91.2187, 107.7794



46.0959, 62.5198, 46.5631



17.7062, 19.2737, 23.0369



0.0000, 0.0000, 0.0000



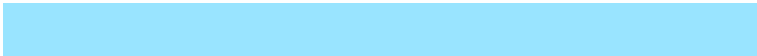
20.3446, 21.4041, 23.3091

Same Dimension

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



47.4435, 54.9593, 78.6296



58.8760, 69.3706, 104.8945



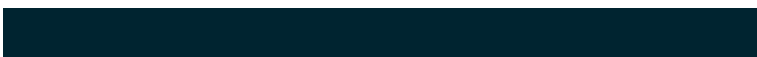
39.8067, 39.6858, 76.0840



13.7913, 14.9216, 17.5410



15.6864, 18.8423, 43.8585



1.1596, 1.4507, 3.0641

Inverse Universe

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



52.3883, 41.7032, 62.4175



66.6074, 49.6330, 79.3248



58.0575, 61.8007, 37.3039



14.1309, 13.8700, 16.4593



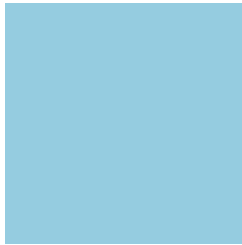
21.8579, 10.8102, 21.7155



1.5516, 0.7639, 1.6975

Previews

White Background



This preview shows how the XYZ color 47.4418, 54.9571, 78.6283 looks on a white background.

Color Contrast Check

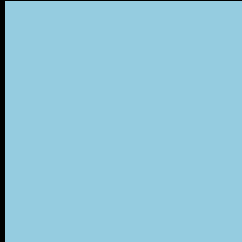
Large Text (above 18pt) WCAG AA × Fail

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 47.4418, 54.9571, 78.6283 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 47.4418, 54.9571, 78.6283

Background



This preview shows how black text looks on a background with the XYZ color 47.4418, 54.9571, 78.6283.



This preview shows how white text looks on a background with the XYZ color 47.4418, 54.9571,

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

47.4418, 54.9571, 78.6283

Protanopia

53.5544, 54.7998, 73.4004

Deuteranopia

55.8318, 54.5151, 80.2529



Tritanopia

47.0952, 55.1790, 76.5750

Trichromacy



Original Color

47.4418, 54.9571, 78.6283

Protanomaly

51.0168, 54.7856, 75.5959

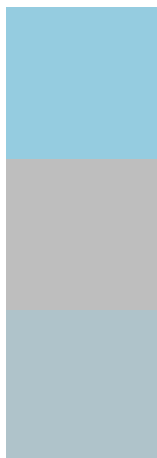
Deuteranomaly

52.2986, 54.3450, 79.6847

Tritanomaly

47.2289, 55.2325, 77.2789

Monochromacy



Original Color

47.4418, 54.9571, 78.6283

Achromatopsia

48.9429, 51.4918, 56.0745

Achromatomaly

47.8550, 52.4084, 63.4707

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.4418, 54.9571, 78.6283 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(149, 204, 224)` looks like.

```
.text, #text, p{  
    color:rgb(149, 204, 224)  
}
```

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(149, 204, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 204, 224) }
```

Border

The CSS property to change the border of an element to XYZ 47.4418, 54.9571, 78.6283 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(149, 204, 224) }
```


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

```
.border{ border-color:rgb(149, 204, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 204, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 204, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 204, 224);  
box-shadow:4px 4px 4px 4px rgb(149, 204,  
224) }
```

Background

The CSS property to change the background color of an element to XYZ 47.4418, 54.9571, 78.6283 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 204, 224) }
```

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

```
.background{ background-color: rgb(149,  
204, 224) }
```

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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