

Converting Colors

XYZ(47.3407, 50.3853, 89.5284)

Have a look what the booklet for
XYZ(47.3407, 50.3853, 89.5284)
contains.

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Color

**XYZ(47.3079, 50.2283,
89.6397)**

Conversions

Conversions Part 1

Format	Color
Hex	98BFF0
RGB	152, 191, 240
RGB Percent	60%, 75%, 94%
CMY	0.4039, 0.2510, 0.0588
CMYK	0.37, 0.20, 0.00, 0.06
HSL	213°, 75%, 77%
HSV	213°, 37%, 94%
XYZ	47.3079, 50.2283, 89.6397
YIQ	184.9250, -38.9730, 6.9710

Conversions

Conversions Part 2

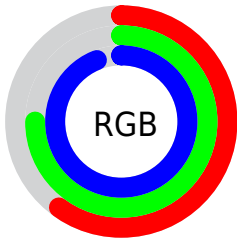
Format	Color
R _Y B	152, 179, 240
Decimal	10010608
CIE Lab	76.21, -1.20, -28.46
CIE LCh	76, 28.490, 267.578
Yxy	50.2283, 0.2527, 0.2683
Android (android.graphics.Color)	4288200688 (0xFF98BFF0)
YUV	184.9250, 27.1520, -28.8752
Hunter-Lab	70.8719, -4.8749, -25.3804

Details

The XYZ color **47.3079, 50.2283, 89.6397** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **62.4904, 62.5667, 38.4904**, and the grayscale version is **45.9432, 48.3358, 52.6377**.

A 20% lighter version of the original color is **77.3232, 87.1514, 107.3543**, and **22.6700, 24.1790, 48.8196** is the 20% darker color. If you saturate the color by 10%, you get **40.4799, 42.5785, 88.5239**, and if you desaturate by 10%, it is **55.3140, 58.8823, 90.8890**.

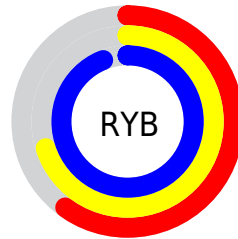
Distribution



Red (60%)

Green (75%)

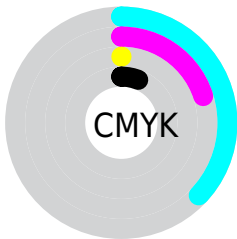
Blue (94%)



Red (60%)

Yellow (70%)

Blue (94%)

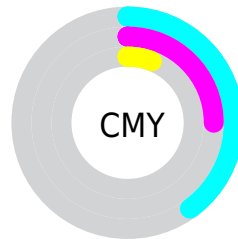


Cyan (37%)

Magenta (20%)

Yellow (0%)

Black (6%)



Cyan (40%)

Magenta (25%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 47.3079, 50.2283, 89.6397 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 47.3079, 50.2283, 89.6397 by changing the saturation by 10% instead.

■ 47.3079, 50.2283,
89.6397

■ 47.3079, 50.2283,
89.6397

366.6706,
387.5581, 547.3979

■ 33.4881, 35.5948,
67.1098

■ 85.3890, 90.5130,
148.7690

■ 22.6616, 24.1214,
48.7117

■ 110.3810,
116.9331, 186.2054

■ 14.4632, 15.4237,
34.0269

139.8277,
148.0508, 229.4478

■ 8.5274, 9.1173,
22.6367

174.0946,
184.2506, 278.9147

■ 4.4888, 4.8178,
14.1227

213.5470,
225.9168, 335.0246

■ 1.9822, 2.1407,
8.0663

258.5502,

■ 0.6240, 0.6874,

273.4339, 398.1961

4.0490

309.4697,
327.1861, 468.8477

■ 0.0000, 0.0000,
1.6523

■ 0.0000, 0.0000,
0.3277

■ 47.3079, 50.2283,
89.6397

■ 47.3079, 50.2283,
89.6397

■ 40.4799, 42.5785,
88.5239

■ 55.3140, 58.8823,
90.8890

■ 34.7627, 35.8846,
87.5332

■ 64.5504, 68.5744,
92.2730

■ 30.0895, 30.1022,
86.6634

■ 75.0724, 79.3438,
93.7971

■ 26.3834, 25.1801,
85.9087

■ 86.9298, 91.2256,
95.4656

■ 23.5551, 21.0604,
85.2625

■ 92.7283, 99.0713,
96.6743

■ 21.4936, 17.6732,
84.7174

■ 20.9202, 16.6750,
84.5549

Harmonies

Analogous

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



42.4449, 50.2283, 83.4529



47.3079, 50.2283, 89.6397



52.6528, 50.2283, 85.1108

Triad

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



47.3079, 50.2283, 89.6397



57.4309, 50.2283, 42.1763



39.5882, 50.2283, 40.3920

Complementary

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



47.3079, 50.2283, 89.6397



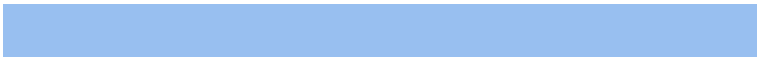
62.4904, 62.5667, 38.4904

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.



43.1436, 50.2283, 32.5489



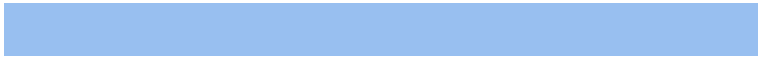
47.3079, 50.2283, 89.6397



53.4592, 50.2283, 33.4361

Square

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



47.3079, 50.2283, 89.6397



58.7499, 50.2283, 55.9422



48.1757, 50.2283, 30.2598



38.2003, 50.2283, 53.4568

Rectangle

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



47.3079, 50.2283, 89.6397



55.7272, 50.2283, 77.0190



48.1757, 50.2283, 30.2598



40.5558, 50.2283, 37.1567

Sweetspot

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



47.3095, 50.2302, 89.6409



80.6911, 85.4994, 106.8579



54.5825, 73.1856, 66.1399



16.9199, 17.9408, 22.8211



0.0000, 0.0000, 0.0000



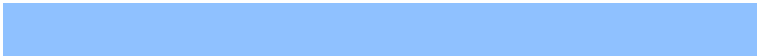
20.3446, 21.4041, 23.3091

Same Dimension

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



47.3095, 50.2302, 89.6409



48.3084, 50.9725, 101.9003



40.7458, 35.8574, 87.2126



15.4739, 16.3818, 20.0681



11.5798, 9.3839, 46.3288



1.0610, 0.9759, 3.8867

Inverse Universe

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



56.5688, 44.7450, 54.9474



60.6053, 44.6741, 55.6040



71.2881, 82.3527, 41.8458



16.0639, 15.8753, 17.8925



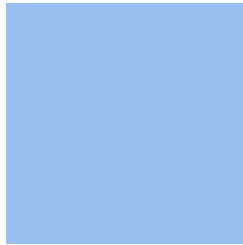
21.1706, 10.7407, 8.8148



1.8105, 0.9132, 0.9928

Previews

White Background



This preview shows how the XYZ color 47.3079, 50.2283, 89.6397 looks on a white background.

Color Contrast Check

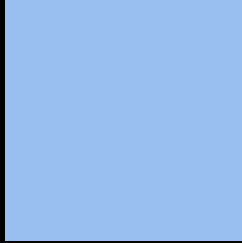
Large Text (above 18pt) WCAG AA × Fail

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 47.3079, 50.2283, 89.6397 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

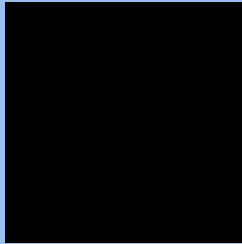
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

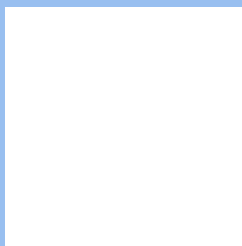
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 47.3079, 50.2283, 89.6397

Background



This preview shows how black text looks on a background with the XYZ color 47.3079, 50.2283, 89.6397.



This preview shows how white text looks on a background with the XYZ color 47.3079, 50.2283,

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

47.3079, 50.2283, 89.6397

Protanopia

50.1685, 49.8680, 86.3382

Deuteranopia

51.1491, 49.9790, 90.1701



Tritanopia

43.3006, 50.2531, 69.7050

Trichromacy



Original Color

47.3079, 50.2283, 89.6397

Protanomaly

48.9927, 49.8706, 87.1646

Deuteranomaly

49.7960, 50.2164, 90.2873

Tritanomaly

44.6893, 50.1534, 76.4324

Monochromacy



Original Color

47.3079, 50.2283, 89.6397

Achromatopsia

46.1135, 48.5150, 52.8328

Achromatomaly

46.0233, 48.8327, 64.7576

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.3079, 50.2283, 89.6397 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(152, 191, 240)` looks like.

```
.text, #text, p{  
    color:rgb(152, 191, 240)  
}
```

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(152, 191, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 191, 240) }
```

Border

The CSS property to change the border of an element to XYZ 47.3079, 50.2283, 89.6397 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(152, 191, 240) }
```


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

```
.border{ border-color:rgb(152, 191, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 191, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 191, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 191, 240);  
box-shadow:4px 4px 4px 4px rgb(152, 191,  
240) }
```

Background

The CSS property to change the background color of an element to XYZ 47.3079, 50.2283, 89.6397 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 191, 240) }
```

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

```
.background{ background-color: rgb(152,  
191, 240) }
```

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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