

Converting Colors

XYZ(47.9879, 53.3986, 76.4345)

Have a look what the booklet for
XYZ(47.9879, 53.3986, 76.4345)
contains.

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Color

**XYZ(47.9718, 53.5409,
76.2127)**

Conversions

Conversions Part 1

Format	Color
Hex	A0C7DD
RGB	160, 199, 221
RGB Percent	63%, 78%, 87%
CMY	0.3725, 0.2196, 0.1333
CMYK	0.28, 0.10, 0.00, 0.13
HSL	202°, 47%, 75%
HSV	202°, 28%, 87%
XYZ	47.9718, 53.5409, 76.2127
YIQ	189.8470, -30.3060, -1.4260

Conversions

Conversions Part 2

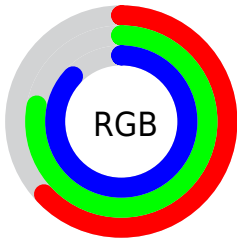
Format	Color
R _{YB}	160, 184, 221
Decimal	10536925
CIE Lab	78.19, -7.91, -15.17
CIE LCh	78, 17.113, 242.464
Yxy	53.5409, 0.2699, 0.3013
Android (android.graphics.Color)	4288727005 (0xFFA0C7DD)
YUV	189.8470, 15.3584, -26.1758
Hunter-Lab	73.1716, -11.0246, -10.5340

Details

The XYZ color **47.9718, 53.5409, 76.2127** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **52.8927, 51.3666, 40.3861**, and the grayscale version is **48.7838, 51.3243, 55.8922**.

A 20% lighter version of the original color is **82.1289, 93.3389, 108.2953**, and **23.0717, 26.1298, 39.9039** is the 20% darker color. If you saturate the color by 10%, you get **42.1547, 47.8920, 75.4298**, and if you desaturate by 10%, it is **54.6735, 59.7911, 77.0668**.

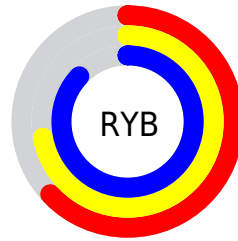
Distribution



Red (63%)

Green (78%)

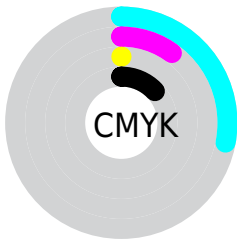
Blue (87%)



Red (63%)

Yellow (72%)

Blue (87%)

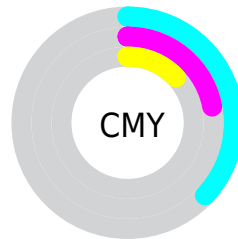


Cyan (28%)

Magenta (10%)

Yellow (0%)

Black (13%)



Cyan (37%)

Magenta (22%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 47.9718, 53.5409, 76.2127 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 47.9718, 53.5409, 76.2127 by changing the saturation by 10% instead.

■ 47.9718, 53.5409,
76.2127

■ 47.9718, 53.5409,
76.2127

369.2648,
400.3569, 501.4417

■ 34.0157, 38.2347,
56.0992

■ 86.3724, 95.3998,
129.7904

■ 23.0686, 26.1649,
39.8780

■ 111.5476,
122.7214, 164.0917

■ 14.7652, 16.9471,
27.1303

141.1932,
154.8169, 203.9593

■ 8.7400, 10.1968,
17.4378

175.6745,
192.0707, 249.8118

■ 4.6277, 5.5296,
10.3819

215.3570,
234.8672, 302.0678

■ 2.0630, 2.5612,
5.5440

260.6060,

■ 0.6690, 0.9072,

283.5908, 361.1457

2.5056

311.7868,
338.6259, 427.4642

■ 0.0000, 0.0000,
0.8431

■ 0.0000, 0.0000,
0.0000

■ 47.9718, 53.5409,
76.2127

■ 47.9718, 53.5409,
76.2127

■ 42.1547, 47.8920,
75.4298

■ 54.6735, 59.7911,
77.0668

■ 37.1743, 42.8135,
74.7121

■ 62.2950, 66.6588,
77.9907

■ 32.9853, 38.2812,
74.0581

■ 70.8751, 74.1674,
78.9878

■ 29.5358, 34.2661,
73.4649

■ 80.4492, 82.3373,
80.0601

■ 26.7671, 30.7356,
72.9293

■ 85.1148, 88.1275,
80.9318

■ 24.6104, 27.6518,
72.4478

■ 87.4980, 92.8938,
81.7262

■ 22.9725, 24.9643,
72.0154

■ 89.9852, 97.8684,
82.5553

■ 22.6209, 24.3598,
71.9172

■ 90.0513, 98.0005,
82.5773

Harmonies

Analogous

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



45.6506, 53.5409, 68.7592



47.9718, 53.5409, 76.2127



51.1662, 53.5409, 78.7151

Triad

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



47.9718, 53.5409, 76.2127



57.5924, 53.5409, 57.5081



47.5125, 53.5409, 44.0895

Complementary

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



47.9718, 53.5409, 76.2127



52.8927, 51.3666, 40.3861

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.



50.6128, 53.5409, 41.7554



47.9718, 53.5409, 76.2127



56.5136, 53.5409, 48.9537

Square

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



47.9718, 53.5409, 76.2127



56.8109, 53.5409, 67.2383



53.9222, 53.5409, 43.4350



45.3937, 53.5409, 50.1856

Rectangle

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



47.9718, 53.5409, 76.2127



53.3876, 53.5409, 77.0396



53.9222, 53.5409, 43.4350



48.4696, 53.5409, 42.8711

Sweetspot

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



47.9734, 53.5430, 76.2139



85.6368, 91.7298, 107.7998



48.7313, 62.5382, 53.4085



17.9717, 19.3149, 23.0309



0.0000, 0.0000, 0.0000



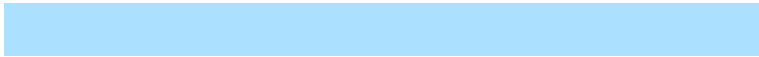
20.3446, 21.4041, 23.3091

Same Dimension

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



47.9734, 53.5430, 76.2139



61.6436, 69.5244, 104.7783



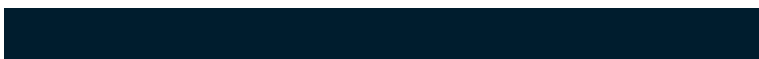
41.7655, 41.1272, 74.1446



13.0294, 13.9986, 16.6674



13.2516, 14.3727, 41.8142



0.9391, 1.0923, 2.7358

Inverse Universe

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



52.6998, 44.6387, 59.8737



69.3180, 55.7465, 78.0933



59.6710, 64.9233, 42.6455



13.4047, 13.1910, 15.3925



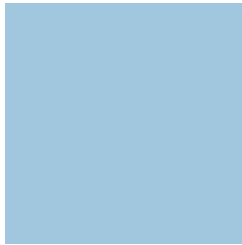
20.1841, 10.0747, 15.8816



1.3483, 0.6690, 1.2431

Previews

White Background



This preview shows how the XYZ color 47.9718, 53.5409, 76.2127 looks on a white background.

Color Contrast Check

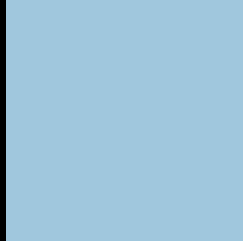
Large Text (above 18pt) WCAG AA × Fail

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 47.9718, 53.5409, 76.2127 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

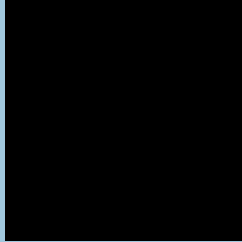
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 47.9718, 53.5409, 76.2127

Background



This preview shows how black text looks on a background with the XYZ color 47.9718, 53.5409, 76.2127.



This preview shows how white text looks on a background with the XYZ color 47.9718, 53.5409,

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

47.9718, 53.5409, 76.2127

Protanopia

52.0117, 53.0383, 72.4618

Deuteranopia

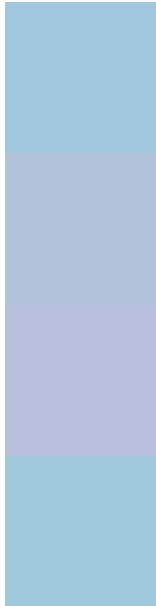
54.3285, 53.1645, 77.2104



Tritanopia

47.3470, 53.6373, 72.8233

Trichromacy



Original Color

47.9718, 53.5409, 76.2127

Protanomaly

50.3068, 53.1105, 73.9296

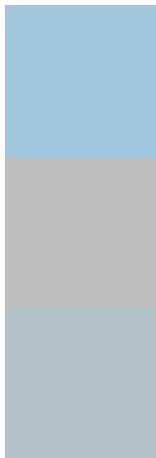
Deuteranomaly

51.8016, 53.1635, 76.6386

Tritanomaly

47.6072, 53.7414, 74.1936

Monochromacy



Original Color

47.9718, 53.5409, 76.2127

Achromatopsia

48.9429, 51.4918, 56.0745

Achromatomaly

48.2030, 51.9407, 62.7433

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.9718, 53.5409, 76.2127 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(160, 199, 221)` looks like.

```
.text, #text, p{  
    color:rgb(160, 199, 221)  
}
```

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(160, 199, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 199, 221) }
```

Border

The CSS property to change the border of an element to XYZ 47.9718, 53.5409, 76.2127 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(160, 199, 221) }
```


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

```
.border{ border-color:rgb(160, 199, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 199, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 199, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 199, 221);  
box-shadow:4px 4px 4px 4px rgb(160, 199,  
221) }
```

Background

The CSS property to change the background color of an element to XYZ 47.9718, 53.5409, 76.2127 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 199, 221) }
```

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

```
.background{ background-color: rgb(160,  
199, 221) }
```

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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