

Converting Colors

XYZ(47.1999, 62.0274, 76.5026)

Have a look what the booklet for
XYZ(47.1999, 62.0274, 76.5026)
contains.

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Color

**XYZ(47.1999, 62.0274,
76.5026)**

Conversions

Conversions Part 1

Format	Color
Hex	7ADFDB
RGB	122, 223, 219
RGB Percent	48%, 87%, 86%
CMY	0.5216, 0.1255, 0.1412
CMYK	0.45, 0.00, 0.02, 0.13
HSL	178°, 61%, 68%
HSV	178°, 45%, 87%
XYZ	47.1999, 62.0274, 76.5026
YIQ	192.3450, -58.9120, -22.6560

Conversions

Conversions Part 2

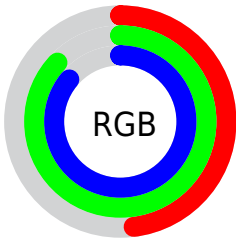
Format	Color
RYB	122, 174, 223
Decimal	8052699
CIELab	82.93, -30.47, -7.24
CIELCh	83, 31.314, 193.361
Yxy	62.0274, 0.2541, 0.3340
Android (android.graphics.Color)	4286242779 (0xFF7ADFDB)
YUV	192.3450, 13.1409, -61.6926
Hunter-Lab	78.7575, -30.8493, -2.4623

Details

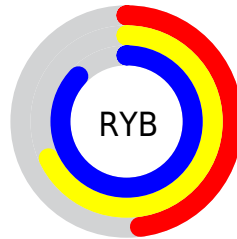
The XYZ color **47.1999, 62.0274, 76.5026** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **41.1590, 31.1152, 23.5774**, and the grayscale version is **50.2563, 52.8736, 57.5793**.

A 20% lighter version of the original color is **72.6324, 88.4433, 107.8509**, and **22.5062, 31.3419, 39.9854** is the 20% darker color. If you saturate the color by 10%, you get **44.2819, 60.5380, 75.7616**, and if you desaturate by 10%, it is **50.8467, 63.8954, 77.2836**.

Distribution



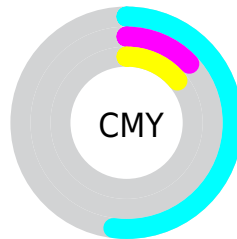
- Red (48%)
- Green (87%)
- Blue (86%)



- Red (48%)
- Yellow (68%)
- Blue (87%)



- Cyan (45%)
- Magenta (0%)
- Yellow (2%)
- Black (13%)





- Cyan (52%)
- Magenta (13%)
- Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 47.1999, 62.0274, 76.5026 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 47.1999, 62.0274, 76.5026 by changing the saturation by 10% instead.


 47.1999, 62.0274,
76.5026


 47.1999, 62.0274,
76.5026


366.2475,
432.0310, 502.4590


 33.4023, 45.0548,
56.3356


 85.2289, 107.7651,
130.2037

 22.5955, 31.5006,
40.0663


 110.1910,
137.2991, 164.5749

 14.4142, 20.9804,
27.2760


 139.6053,
171.7890, 204.5179

 8.4929, 13.1096,
17.5464

173.8371,
211.6192, 250.4512

 4.4664, 7.5041,
10.4587

213.2519,
257.1741, 302.7935

 1.9692, 3.7793,
5.5946

258.2150,

 0.6166, 1.5509,

308.8381, 361.9632

2.5354

309.0918,
366.9956, 428.3788

■ 0.0000, 0.3241,
0.8588

■ 0.0000, 0.0000,
0.0000

■ 47.1999, 62.0274,
76.5026

■ 47.1999, 62.0274,
76.5026

■ 44.2819, 60.5380,
75.7616

■ 50.8467, 63.8954,
77.2836

■ 42.0368, 59.3939,
75.0540


■ 55.2621, 66.1581,
78.1025


■ 40.4099, 58.5685,
74.3786


■ 60.4898, 68.8394,
78.9625


■ 39.3354, 58.0278,
73.7322


■ 66.5685, 71.9594,
79.8657


 38.7324, 57.7301,
73.1111


 73.5345, 75.5367,
80.8136

 38.5476, 57.6410,
72.8243

 81.1245, 79.4357,
81.7940

 81.2449, 79.4839,
82.4281

 81.3659, 79.5323,
83.0654

 81.4876, 79.5809,
83.7061

Harmonies

Analogous

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



47.3659, 62.0274, 57.4361



47.1999, 62.0274, 76.5026



50.0074, 62.0274, 96.4309

Triad

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



47.1999, 62.0274, 76.5026



68.3299, 62.0274, 98.3517



62.7531, 62.0274, 37.7992

Complementary

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



47.1999, 62.0274, 76.5026



41.1590, 31.1152, 23.5774

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.



68.9113, 62.0274, 45.0821



47.1999, 62.0274, 76.5026



72.2956, 62.0274, 78.7583

Square

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



47.1999, 62.0274, 76.5026



62.0077, 62.0274, 110.5769



72.5162, 62.0274, 59.3013



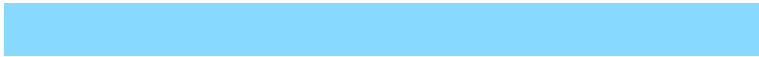
56.0045, 62.0274, 37.4263

Rectangle

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



47.1999, 62.0274, 76.5026



53.3213, 62.0274, 106.5403



72.5162, 62.0274, 59.3013



64.9726, 62.0274, 39.4464

Sweetspot

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



47.2017, 62.0298, 76.5040



82.8868, 93.7559, 107.1462



38.6623, 58.6988, 27.7061



17.3846, 19.8846, 22.8781



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.



47.2017, 62.0298, 76.5040



60.3203, 82.1962, 102.7538



37.1783, 41.1294, 75.7940



14.0919, 15.5625, 17.5191



22.6749, 33.8948, 42.8724



1.5791, 2.3524, 3.0107

Inverse Universe

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



41.1590, 31.1152, 23.5774



51.1962, 35.4766, 22.8084



47.8478, 44.8979, 24.5581



13.7291, 13.7093, 14.3438



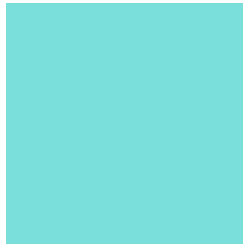
17.9314, 9.2396, 1.0385



1.2508, 0.6436, 0.1134

Previews

White Background



This preview shows how the XYZ color 47.1999, 62.0274, 76.5026 looks on a white background.

Color Contrast Check

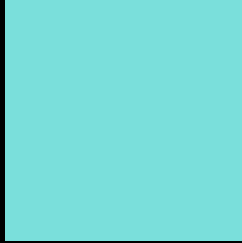
Large Text (above 18pt) WCAG AA × Fail

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 47.1999, 62.0274, 76.5026 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

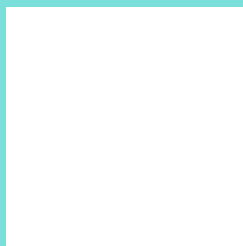
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 47.1999, 62.0274, 76.5026

Background



This preview shows how black text looks on a background with the XYZ color 47.1999, 62.0274, 76.5026.

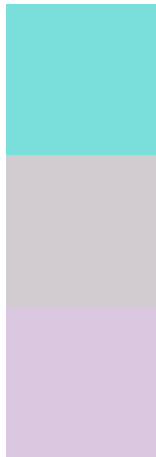


This preview shows how white text looks on a background with the XYZ color 47.1999, 62.0274,

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

47.1999, 62.0274, 76.5026

Protanopia

58.9905, 61.1497, 68.3684

Deuteranopia

62.7241, 61.4421, 79.0746



Tritanopia

49.9279, 61.9486, 90.2147

Trichromacy



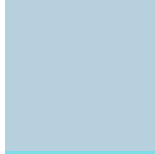
Original Color

47.1999, 62.0274, 76.5026



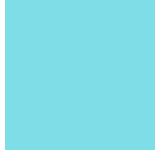
Protanomaly

53.3094, 60.6891, 71.1918



Deuteranomaly

55.0321, 60.3308, 77.8517



Tritanomaly

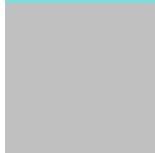
48.8844, 61.9180, 84.9762

Monochromacy



Original Color

47.1999, 62.0274, 76.5026



Achromatopsia

50.1023, 52.7115, 57.4028



Achromatomaly

47.9530, 55.1916, 64.0028

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.1999, 62.0274, 76.5026 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(122, 223, 219)` looks like.

```
.text, #text, p{  
    color:rgb(122, 223, 219)  
}
```

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(122, 223, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 223, 219) }
```

Border

The CSS property to change the border of an element to XYZ 47.1999, 62.0274, 76.5026 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(122, 223, 219) }
```


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

```
.border{ border-color:rgb(122, 223, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 223, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 223, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 223, 219);  
box-shadow:4px 4px 4px 4px rgb(122, 223,  
219) }
```

Background

The CSS property to change the background color of an element to XYZ 47.1999, 62.0274, 76.5026 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 223, 219) }
```

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

```
.background{ background-color: rgb(122,  
223, 219) }
```

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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