

Converting Colors

XYZ(47.3147, 62.0250, 79.2903)

Have a look what the booklet for
XYZ(47.3147, 62.0250, 79.2903)
contains.

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Color

**XYZ(47.3147, 62.0250,
79.2903)**

Conversions

Conversions Part 1

Format	Color
Hex	77DFDF
RGB	119, 223, 223
RGB Percent	47%, 87%, 87%
CMY	0.5333, 0.1255, 0.1255
CMYK	0.47, 0.00, 0.00, 0.13
HSL	180°, 62%, 67%
HSV	180°, 47%, 87%
XYZ	47.3147, 62.0250, 79.2903
YIQ	191.9040, -61.9840, -22.0480

Conversions

Conversions Part 2

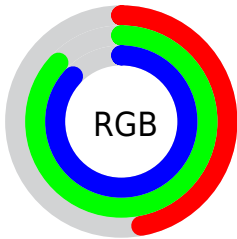
Format	Color
R _Y B	119, 171, 223
Decimal	7856095
CIE Lab	82.93, -30.14, -9.37
CIE LCh	83, 31.564, 197.273
Yxy	62.0250, 0.2508, 0.3288
Android (android.graphics.Color)	4286046175 (0xFF77DFDF)
YUV	191.9040, 15.3303, -63.9368
Hunter-Lab	78.7560, -30.5844, -4.5631

Details

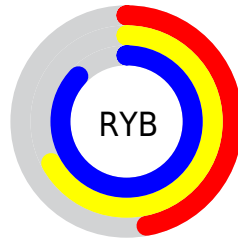
The XYZ color **47.3147, 62.0250, 79.2903** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **40.3601, 30.2154, 21.1599**, and the grayscale version is **49.9878, 52.5911, 57.2717**.

A 20% lighter version of the original color is **71.9415, 88.0871, 107.8185**, and **22.5739, 31.3344, 41.9042** is the 20% darker color. If you saturate the color by 10%, you get **44.6064, 60.6303, 79.1646**, and if you desaturate by 10%, it is **50.7447, 63.7947, 79.4525**.

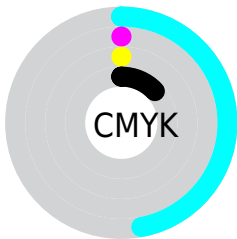
Distribution



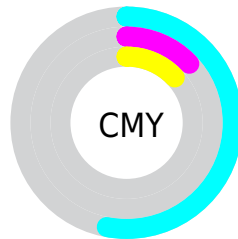
- Red (47%)
- Green (87%)
- Blue (87%)



- Red (47%)
- Yellow (67%)
- Blue (87%)



- Cyan (47%)
- Magenta (0%)
- Yellow (0%)
- Black (13%)



- Cyan (53%)
- Magenta (13%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 47.3147, 62.0250, 79.2903 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 47.3147, 62.0250, 79.2903 by changing the saturation by 10% instead.

47.3147, 62.0250,
79.2903

47.3147, 62.0250,
79.2903

366.6973,
432.0223, 512.1814

33.4935, 45.0529,
58.6118

85.3991, 107.7617,
134.1698

22.6658, 31.4991,
41.8827

110.3929,
137.2950, 169.2079

14.4663, 20.9792,
28.6846

139.8417,
171.7842, 209.8697

8.5295, 13.1088,
18.5988

174.1108,
211.6137, 256.5735

4.4902, 7.5035,
11.2069

213.5656,
257.1679, 309.7381

1.9830, 3.7789,
6.0903

258.5713,

0.6244, 1.5507,

308.8311, 369.7819

2.8304

309.4934,
366.9878, 437.1235

■ 0.0000, 0.3240,
1.0087

■ 0.0000, 0.0000,
0.0000

■ 47.3147, 62.0250,
79.2903

■ 47.3147, 62.0250,
79.2903

■ 44.6064, 60.6303,
79.1646

■ 50.7447, 63.7947,
79.4525

■ 42.5633, 59.5770,
79.0686


■ 54.9368, 65.9558,
79.6490


■ 41.1295, 58.8379,
79.0012


■ 59.9352, 68.5325,
79.8833


■ 40.2376, 58.3781,
78.9591

■ 65.7788, 71.5450,
80.1571


 39.8018, 58.1534,
78.9384


 72.5044, 75.0122,
80.4722

 39.7078, 58.1050,
78.9339

 80.1463, 78.9517,
80.8302

 80.9486, 79.3653,
80.8680

 80.9487, 79.3653,
80.8684

 80.9487, 79.3654,
80.8687

Harmonies

Analogous

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



47.0829, 62.0250, 59.6071



47.3147, 62.0250, 79.2903



50.5090, 62.0250, 98.9906

Triad

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



47.3147, 62.0250, 79.2903



69.1022, 62.0250, 96.3015



61.8843, 62.0250, 37.1673

Complementary

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



47.3147, 62.0250, 79.2903



40.3601, 30.2154, 21.1599

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.



68.2891, 62.0250, 43.5670



47.3147, 62.0250, 79.2903



72.6669, 62.0250, 76.1358

Square

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



47.3147, 62.0250, 79.2903



62.9262, 62.0250, 110.0358



72.3583, 62.0250, 57.0025



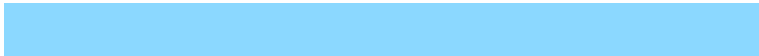
55.1505, 62.0250, 37.6866

Rectangle

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



47.3147, 62.0250, 79.2903



54.0385, 62.0250, 108.3550



72.3583, 62.0250, 57.0025



64.1566, 62.0250, 38.5197

Sweetspot

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



47.3165, 62.0274, 79.2918



83.1136, 93.8466, 108.3407



37.5672, 58.1554, 26.6993



17.4406, 19.9070, 23.1730



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.



47.3165, 62.0274, 79.2918



60.5171, 82.1977, 107.2813



35.8215, 39.0367, 75.4615



14.1166, 15.5724, 17.6494



23.3467, 34.1635, 46.4101



1.6183, 2.3680, 3.2169

Inverse Universe

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



40.3601, 30.2154, 21.1599



49.9922, 34.0669, 19.3293



48.0010, 45.4974, 23.7062



13.7073, 13.7006, 14.2289



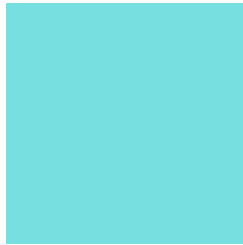
17.8932, 9.2243, 0.8375



1.2403, 0.6394, 0.0581

Previews

White Background



This preview shows how the XYZ color 47.3147, 62.0250, 79.2903 looks on a white background.

Color Contrast Check

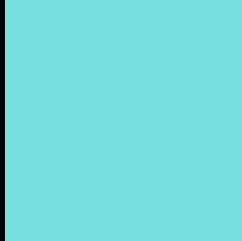
Large Text (above 18pt) WCAG AA × Fail

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 47.3147, 62.0250, 79.2903 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

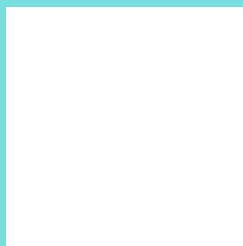
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 47.3147, 62.0250, 79.2903

Background



This preview shows how black text looks on a background with the XYZ color 47.3147, 62.0250, 79.2903.



This preview shows how white text looks on a background with the XYZ color 47.3147, 62.0250,

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

47.3147, 62.0250, 79.2903

Protanopia

59.2087, 61.2046, 70.9804

Deuteranopia

62.6822, 61.3571, 81.9382



Tritanopia

49.6012, 62.1710, 90.2749

Trichromacy



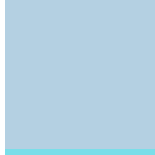
Original Color

47.3147, 62.0250, 79.2903



Protanomaly

53.3681, 60.6604, 73.8616



Deuteranomaly

55.1057, 60.3060, 80.6874



Tritanomaly

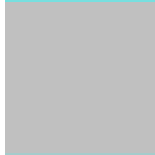
48.8553, 62.2633, 86.5339

Monochromacy



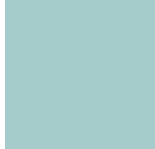
Original Color

47.3147, 62.0250, 79.2903



Achromatopsia

50.1023, 52.7115, 57.4028



Achromatomaly

47.6525, 55.0230, 64.6089

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.3147, 62.0250, 79.2903 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(119, 223, 223)` looks like.

```
.text, #text, p{  
    color:rgb(119, 223, 223)  
}
```

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(119, 223, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 223, 223) }
```

Border

The CSS property to change the border of an element to XYZ 47.3147, 62.0250, 79.2903 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(119, 223, 223) }
```


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

```
.border{ border-color:rgb(119, 223, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 223, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 223, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 223, 223);  
box-shadow:4px 4px 4px 4px rgb(119, 223,  
223) }
```

Background

The CSS property to change the background color of an element to XYZ 47.3147, 62.0250, 79.2903 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 223, 223) }
```

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

```
.background{ background-color: rgb(119,  
223, 223) }
```

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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