

Converting Colors

XYZ(47.4174, 73.7150, 78.9603)

Have a look what the booklet for
XYZ(47.4174, 73.7150, 78.9603)
contains.

XYZ(47.3727, 73.6924, 78.7451)	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(47.3727, 73.6924,
78.7451)**

Conversions

Conversions Part 1

Format	Color
Hex	19FADB
RGB	25, 250, 219
RGB Percent	10%, 98%, 86%
CMY	0.9019, 0.0196, 0.1412
CMYK	0.90, 0.00, 0.12, 0.02
HSL	172°, 96%, 54%
HSV	172°, 90%, 98%
XYZ	47.3727, 73.6924, 78.7451
YIQ	179.1910, -124.1490, -57.3410

Conversions

Conversions Part 2

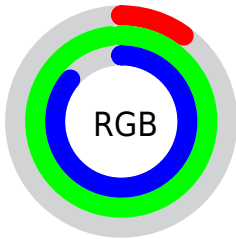
Format	Color
R _Y B	25, 146, 250
Decimal	1702619
CIE Lab	88.78, -55.19, 1.13
CIE LCh	89, 55.206, 178.829
Yxy	73.6924, 0.2371, 0.3688
Android (android.graphics.Color)	4279892699 (0xFF19FADB)
YUV	179.1910, 19.6258, -135.2255
Hunter-Lab	85.8443, -51.7232, 5.7042

Details

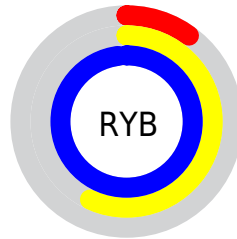
The XYZ color **47.3727, 73.6924, 78.7451** is a light color, and the websafe version is hex **33FFCC**. The color can be described as light washed cyan. A complement of this color would be **40.4884, 21.3069, 5.7237**, and the grayscale version is **42.9007, 45.1349, 49.1519**.

A 20% lighter version of the original color is **61.6952, 82.8049, 107.3390**, and **25.5505, 40.3796, 41.5694** is the 20% darker color. If you saturate the color by 10%, you get **46.5246, 73.3088, 76.3637**, and if you desaturate by 10%, it is **48.7484, 74.3504, 81.2035**.

Distribution



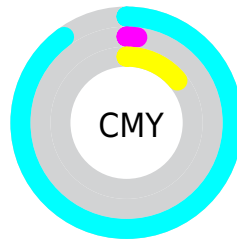
- Red (10%)
- Green (98%)
- Blue (86%)



- Red (10%)
- Yellow (57%)
- Blue (98%)



- Cyan (90%)
- Magenta (0%)
- Yellow (12%)
- Black (2%)





- Cyan (90%)
- Magenta (2%)
- Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 47.3727, 73.6924, 78.7451 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 47.3727, 73.6924, 78.7451 by changing the saturation by 10% instead.


 47.3727, 73.6924,
78.7451


 47.3727, 73.6924,
78.7451


366.9244,
473.4111, 510.2884

 33.5396, 54.5423,
58.1662


 85.4850, 124.4597,
133.3954

 22.7013, 39.0354,
41.5267


 110.4950,
156.8456, 168.3038

 14.4926, 26.7873,
28.4081


 139.9612,
194.4124, 208.8258

 8.5481, 17.4135,
18.3918

 174.2491,
237.5442, 255.3799

 4.5023, 10.5298,
11.0593

213.7240,
286.6256, 308.3847

 1.9901, 5.7516,
5.9920

258.7513,

 0.6284, 2.6946,

342.0410, 368.2587

2.7715

309.6963,
404.1747, 435.4204

■ 0.0000, 0.9745,
0.9792

■ 0.0000, 0.0000,
0.0000

■ 47.3727, 73.6924,
78.7451

■ 47.3727, 73.6924,
78.7451

■ 46.5246, 73.3088,
76.3637


■ 48.7484, 74.3504,
81.2035


■ 46.5238, 73.3084,
76.3612


■ 50.8033, 75.3557,
83.7414

■ 53.6354, 76.7605,
86.3652


■ 57.3252, 78.6065,
89.0790

 61.9431, 80.9297,
91.8863

 67.5520, 83.7627,
94.7905

 74.2094, 87.1352,
97.7945

 81.9684, 91.0744,
100.9010

 90.8784, 95.6058,
104.1126

Harmonies

Analogous

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



50.2835, 73.6924, 47.8687



47.3727, 73.6924, 78.7451



49.8639, 73.6924, 121.1942

Triad

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



47.3727, 73.6924, 78.7451



83.1726, 73.6924, 163.4759



84.1959, 73.6924, 32.3201

Complementary

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



47.3727, 73.6924, 78.7451



40.4884, 21.3069, 5.7237

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.



95.0403, 73.6924, 49.7370



47.3727, 73.6924, 78.7451



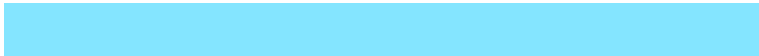
94.3987, 73.6924, 124.6531

Square

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



47.3727, 73.6924, 78.7451



69.5190, 73.6924, 178.5445



98.9891, 73.6924, 81.7507



70.5684, 73.6924, 26.8743

Rectangle

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



47.3727, 73.6924, 78.7451



54.4576, 73.6924, 149.3274



98.9891, 73.6924, 81.7507



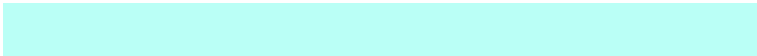
88.3485, 73.6924, 36.6259

Sweetspot

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



47.3748, 73.6952, 78.7468



72.6060, 88.6018, 100.0721



36.1528, 69.3668, 12.4049



15.0619, 18.7222, 21.1926



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.



47.3748, 73.6952, 78.7468



48.6598, 76.6799, 79.8497



32.2699, 36.3342, 95.7581



17.6569, 19.5650, 21.6597



24.7169, 38.8998, 40.7139



2.3167, 3.6138, 3.9155

Inverse Universe

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



40.4884, 21.3069, 5.7237



41.5454, 21.3822, 3.5384



44.5285, 30.2491, 4.4130



17.3420, 17.2642, 18.3907



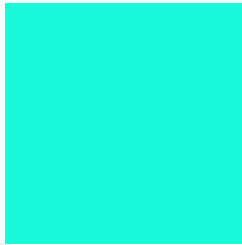
21.0984, 10.8551, 1.9607



1.9830, 1.0169, 0.3339

Previews

White Background



This preview shows how the XYZ color 47.3727, 73.6924, 78.7451 looks on a white background.

Color Contrast Check

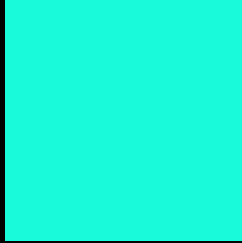
Large Text (above 18pt) WCAG AA × Fail

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 47.3727, 73.6924, 78.7451 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

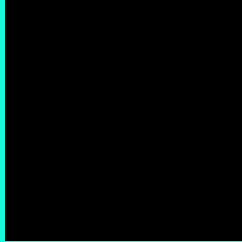
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

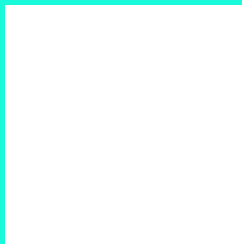
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 47.3727, 73.6924, 78.7451

Background



This preview shows how black text looks on a background with the XYZ color 47.3727, 73.6924, 78.7451.



This preview shows how white text looks on a background with the XYZ color 47.3727, 73.6924,

Color Blindness Simulation

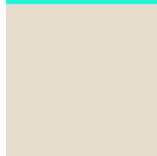
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



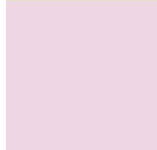
Original Color

47.3727, 73.6924, 78.7451



Protanopia

68.6858, 72.1562, 66.8073



Deuteranopia

73.5083, 71.9899, 82.6942



Tritanopia

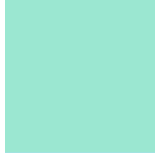
57.0849, 73.1640, 105.7211

Trichromacy



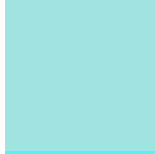
Original Color

47.3727, 73.6924, 78.7451



Protanomaly

53.6021, 68.7238, 70.7615



Deuteranomaly

55.6216, 67.8971, 80.6949



Tritanomaly

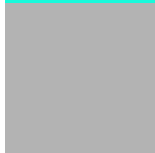
52.0081, 72.5382, 95.2646

Monochromacy



Original Color

47.3727, 73.6924, 78.7451



Achromatopsia

42.8472, 45.0786, 49.0906



Achromatomaly

39.7373, 51.7686, 58.9369

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.3727, 73.6924, 78.7451 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(25, 250, 219)` looks like.

```
.text, #text, p{  
    color:rgb(25, 250, 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(25, 250, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(25, 250, 219) }
```

Border

The CSS property to change the border of an element to XYZ 47.3727, 73.6924, 78.7451 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(25, 250, 219) }
```


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

```
.border{ border-color:rgb(25, 250, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(25, 250, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(25, 250, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(25, 250, 219);  
box-shadow:4px 4px 4px 4px rgb(25, 250,  
219) }
```

Background

The CSS property to change the background color of an element to XYZ 47.3727, 73.6924, 78.7451 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(25, 250, 219) }
```

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

```
.background{ background-color: rgb(25, 250,  
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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