

Converting Colors

XYZ(48.5082, 71.2775, 57.3136)

Have a look what the booklet for
XYZ(48.5082, 71.2775, 57.3136)
contains.

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Color

**XYZ(48.3942, 71.0720,
57.0666)**

Conversions

Conversions Part 1

Format	Color
Hex	79F2B9
RGB	121, 242, 185
RGB Percent	47%, 95%, 73%
CMY	0.5255, 0.0510, 0.2745
CMYK	0.50, 0.00, 0.24, 0.05
HSL	152°, 82%, 71%
HSV	152°, 50%, 95%
XYZ	48.3942, 71.0720, 57.0666
YIQ	199.3230, -53.8190, -43.3790

Conversions

Conversions Part 2

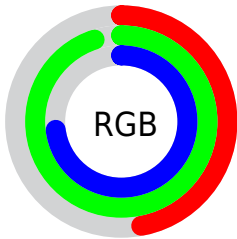
Format	Color
RYB	121, 200, 242
Decimal	7991993
CIELab	87.52, -46.95, 17.23
CIELCh	88, 50.010, 159.845
Yxy	71.0720, 0.2741, 0.4026
Android (android.graphics.Color)	4286182073 (0xFF79F2B9)
YUV	199.3230, -7.0612, -68.6893
Hunter-Lab	84.3042, -45.0658, 18.8788

Details

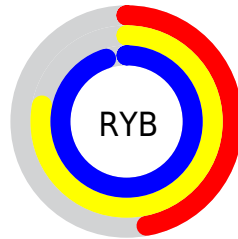
The XYZ color **48.3942, 71.0720, 57.0666** is a light color, and the websafe version is hex **66FFCC**. A complement of this color would be **51.4935, 35.7679, 46.3118**, and the grayscale version is **54.5509, 57.3918, 62.4997**.

A 20% lighter version of the original color is **70.4596, 87.5742, 96.4090**, and **23.3175, 37.2937, 27.7992** is the 20% darker color. If you saturate the color by 10%, you get **44.2633, 69.0779, 50.8416**, and if you desaturate by 10%, it is **53.4760, 73.5489, 63.8430**.

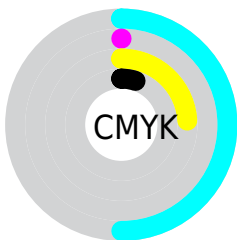
Distribution



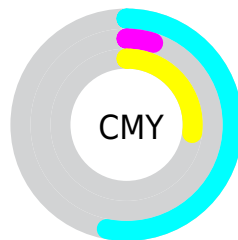
- Red (47%)
- Green (95%)
- Blue (73%)



- Red (47%)
- Yellow (78%)
- Blue (95%)



- Cyan (50%)
- Magenta (0%)
- Yellow (24%)
- Black (5%)





- Cyan (53%)
- Magenta (5%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 48.3942, 71.0720, 57.0666 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 48.3942, 71.0720, 57.0666 by changing the saturation by 10% instead.


 48.3942, 71.0720,
57.0666


 48.3942, 71.0720,
57.0666

370.9092,
464.3051, 431.1996


 34.3517, 52.4010,
40.6490


 86.9972, 120.7362,
102.0637

 23.3281, 37.3248,
27.7273


 112.2884,
152.4982, 131.4802

 14.9580, 25.4590,
17.8829


 142.0599,
189.3926, 166.0668

 8.8760, 16.4194,
10.6974

176.6770,
231.8039, 206.2420

 4.7169, 9.8214,
5.7521

216.5052,
280.1164, 252.4243

 2.1152, 5.2807,
2.6286

261.9097,

 0.6974, 2.4129,

334.7145, 305.0323

0.9072

313.2559,
395.9826, 364.4846

0.0000, 0.8325,
0.0000

0.0000, 0.0000,
0.0000

48.3942, 71.0720,
57.0666

48.3942, 71.0720,
57.0666

44.2633, 69.0779,
50.8416

53.4760, 73.5489,
63.8430

41.0105, 67.5236,
45.1482


59.5632, 76.5309,
71.1802


38.5611, 66.3730,
39.9723


66.7130, 80.0490,
79.0933

36.8244, 65.5793,
35.2970


74.9763, 84.1293,
87.5953

 35.6497, 65.0654,
31.1020

 84.4006, 88.7960,
96.6989

 35.6497, 65.0654,
31.1020

 90.7877, 91.8846,
106.2175

 91.0434, 91.9869,
107.5645

Harmonies

Analogous

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



54.0191, 71.0720, 37.4160



48.3942, 71.0720, 57.0666



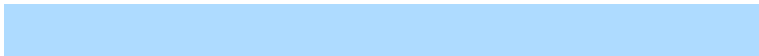
47.5534, 71.0720, 89.0494

Triad

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



48.3942, 71.0720, 57.0666



71.5104, 71.0720, 160.7978



86.5341, 71.0720, 42.7419

Complementary

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



48.3942, 71.0720, 57.0666



51.4935, 35.7679, 46.3118

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.



92.4926, 71.0720, 66.7870



48.3942, 71.0720, 57.0666



83.1746, 71.0720, 138.8428

Square

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



48.3942, 71.0720, 57.0666



60.0242, 71.0720, 155.9218



91.1963, 71.0720, 102.0316



75.6838, 71.0720, 30.9739

Rectangle

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



48.3942, 71.0720, 57.0666



49.7042, 71.0720, 114.4814



91.1963, 71.0720, 102.0316



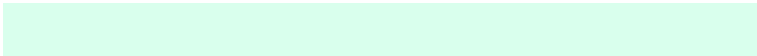
89.2298, 71.0720, 49.3173

Sweetspot

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



48.3961, 71.0749, 57.0682



79.5843, 92.3467, 93.7364



53.9079, 74.5292, 29.6342



16.6197, 19.5613, 19.6336



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.



48.3961, 71.0749, 57.0682



49.7788, 77.7605, 57.1440



55.0696, 72.7891, 95.1551



15.9153, 17.7961, 18.5767



19.2203, 34.9801, 17.0747



1.6492, 2.9301, 1.6851

Inverse Universe

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



51.4935, 35.7679, 46.3118



53.6388, 33.8217, 43.7844



47.1561, 34.4292, 22.2500



16.0828, 15.8828, 17.9921



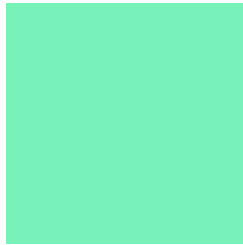
21.3710, 10.8208, 9.8705



1.8278, 0.9201, 1.0838

Previews

White Background



This preview shows how the XYZ color 48.3942, 71.0720, 57.0666 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 48.3942, 71.0720, 57.0666 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 48.3942, 71.0720, 57.0666

Background



This preview shows how black text looks on a background with the XYZ color 48.3942, 71.0720, 57.0666.



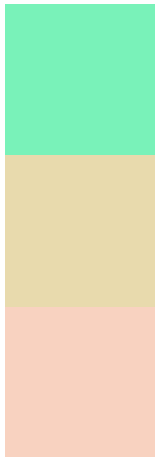
This preview shows how white text looks on a background with the XYZ color 48.3942, 71.0720,

57.0666.

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

48.3942, 71.0720, 57.0666

Protanopia

65.8929, 70.3157, 49.6345

Deuteranopia

71.2724, 69.8554, 59.5962



Tritanopia

57.3571, 70.7951, 102.7372

Trichromacy



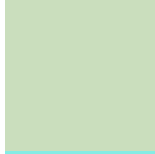
Original Color

48.3942, 71.0720, 57.0666



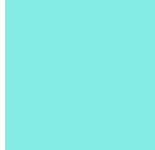
Protanomaly

57.1431, 69.3190, 51.9631



Deuteranomaly

59.6637, 68.4732, 58.2162



Tritanomaly

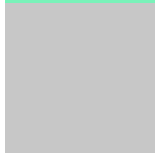
53.5148, 70.4979, 84.1857

Monochromacy



Original Color

48.3942, 71.0720, 57.0666



Achromatopsia

54.2854, 57.1125, 62.1955



Achromatomaly

50.8326, 61.1538, 60.1636

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.3942, 71.0720, 57.0666 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(121, 242, 185)` looks like.

```
.text, #text, p{  
    color:rgb(121, 242, 185)  
}
```

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(121, 242, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 242, 185) }
```

Border

The CSS property to change the border of an element to XYZ 48.3942, 71.0720, 57.0666 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(121, 242, 185) }
```


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

```
.border{ border-color:rgb(121, 242, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 242, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(121, 242, 185); -webkit-box-shadow:4px 4px 4px 4px rgb(121, 242, 185); box-shadow:4px 4px 4px 4px rgb(121, 242, 185) }
```

Background

The CSS property to change the background color of an element to XYZ 48.3942, 71.0720, 57.0666 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 242, 185) }
```

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

```
.background{ background-color: rgb(121,  
242, 185) }
```

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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