

Converting Colors

XYZ(50.3792, 73.2213, 46.5998)

Have a look what the booklet for
XYZ(50.3792, 73.2213, 46.5998)
contains.

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Color

**XYZ(50.3792, 73.2213,
46.5998)**

Conversions

Conversions Part 1

Format	Color
Hex	8FF4A4
RGB	143, 244, 164
RGB Percent	56%, 96%, 64%
CMY	0.4392, 0.0431, 0.3569
CMYK	0.41, 0.00, 0.33, 0.04
HSL	132°, 82%, 76%
HSV	132°, 41%, 96%
XYZ	50.3792, 73.2213, 46.5998
YIQ	204.6810, -34.5160, -46.2920

Conversions

Conversions Part 2

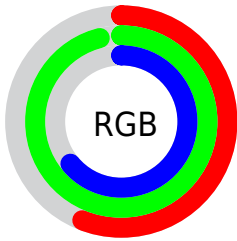
Format	Color
RYB	143, 227, 244
Decimal	9434276
CIELab	88.55, -46.02, 29.54
CIELCh	89, 54.683, 147.298
Yxy	73.2213, 0.2960, 0.4302
Android (android.graphics.Color)	4287624356 (0xFF8FF4A4)
YUV	204.6810, -20.0557, -54.0942
Hunter-Lab	85.5694, -44.6543, 27.6102

Details

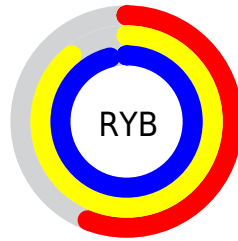
The XYZ color **50.3792, 73.2213, 46.5998** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **60.4523, 44.2072, 75.1614**, and the grayscale version is **57.9662, 60.9850, 66.4127**.

A 20% lighter version of the original color is **72.3656, 88.9138, 80.3658**, and **24.5327, 38.6889, 21.5039** is the 20% darker color. If you saturate the color by 10%, you get **44.9910, 70.6322, 37.9191**, and if you desaturate by 10%, it is **56.9551, 76.3961, 56.7238**.

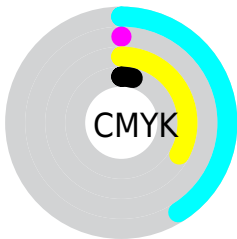
Distribution



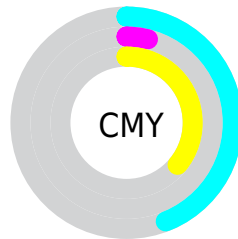
- Red (56%)
- Green (96%)
- Blue (64%)



- Red (56%)
- Yellow (89%)
- Blue (96%)



- Cyan (41%)
- Magenta (0%)
- Yellow (33%)
- Black (4%)





- Cyan (44%)
- Magenta (4%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.3792, 73.2213, 46.5998 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 50.3792, 73.2213, 46.5998 by changing the saturation by 10% instead.


 50.3792, 73.2213,
46.5998


 50.3792, 73.2213,
46.5998

378.5745,
471.7814, 389.5622

 35.9338, 54.1569,
32.3673


 89.9249, 123.7913,
86.4597

 24.5530, 38.7271,
21.3751


 115.7560,
156.0658, 112.9241

 15.8713, 26.5475,
13.2045


146.1130,
193.5124, 144.3030

 9.5234, 17.2337,
7.4372

181.3613,
236.5155, 181.0148

 5.1439, 10.4013,
3.6544

221.8662,
285.4596, 223.4781

 2.3676, 5.6658,
1.4377


267.9932,

 0.8289, 2.6430,


340.7290, 272.1114


0.1709


320.1075,
402.7082, 327.3333


 0.0000, 0.9483,
0.0000

 0.0000, 0.0000,
0.0000


 50.3792, 73.2213,
46.5998


 50.3792, 73.2213,
46.5998

 44.9910, 70.6322,
37.9191

 56.9551, 76.3961,
56.7238


 40.7127, 68.5840,
30.6112

 64.7789, 80.1803,
68.3477

 37.4661, 67.0399,
24.6068

 73.9136, 84.6071,
81.5308

 35.1598, 65.9543,
19.8288

 84.4161, 89.7047,
96.3281

■ 33.6855, 65.2732,
16.1917

■ 91.6421, 93.1841,
107.7640

■ 32.9438, 64.9408,
13.8998

Harmonies

Analogous

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



58.6108, 73.2213, 31.0698



50.3792, 73.2213, 46.5998



47.2323, 73.2213, 76.3534

Triad

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



50.3792, 73.2213, 46.5998



68.4070, 73.2213, 176.3773



94.6219, 73.2213, 50.8658

Complementary

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



50.3792, 73.2213, 46.5998



60.4523, 44.2072, 75.1614

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.



98.0913, 73.2213, 83.1956



50.3792, 73.2213, 46.5998



81.8715, 73.2213, 163.1416

Square

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



50.3792, 73.2213, 46.5998



56.7851, 73.2213, 157.6897



93.1635, 73.2213, 125.7002



84.1988, 73.2213, 32.9309

Rectangle

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



50.3792, 73.2213, 46.5998



48.1006, 73.2213, 103.3026



93.1635, 73.2213, 125.7002



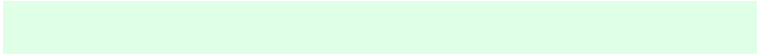
96.6931, 73.2213, 60.0400

Sweetspot

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



50.3811, 73.2243, 46.6014



81.0149, 93.1874, 89.1425



67.9899, 82.5034, 38.3285



17.0421, 19.8012, 18.6535



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.



50.3811, 73.2243, 46.6014



50.4206, 78.4039, 43.0523



55.7798, 75.3838, 75.0307



16.4231, 18.5284, 18.2466



17.9519, 35.3256, 7.7663



1.6136, 3.1191, 0.8711

Inverse Universe

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



60.4523, 44.2072, 75.1614



62.9658, 42.1969, 78.5820



54.7047, 41.9082, 44.8946



17.0574, 16.7058, 20.0487



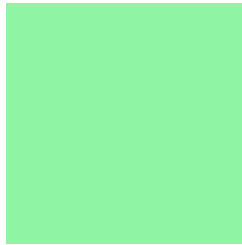
25.5876, 12.5785, 28.8666



2.2851, 1.1200, 2.7278

Previews

White Background



This preview shows how the XYZ color 50.3792, 73.2213, 46.5998 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 50.3792, 73.2213, 46.5998 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 50.3792, 73.2213, 46.5998

Background



This preview shows how black text looks on a background with the XYZ color 50.3792, 73.2213, 46.5998.



This preview shows how white text looks on a background with the XYZ color 50.3792, 73.2213,

46.5998.

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

50.3792, 73.2213, 46.5998

Protanopia

67.2858, 72.3967, 40.9995

Deuteranopia

73.0701, 72.0629, 52.1778



Tritanopia

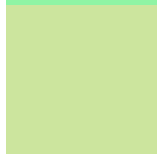
61.6099, 72.9875, 102.9363

Trichromacy



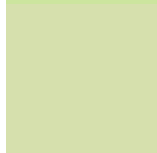
Original Color

50.3792, 73.2213, 46.5998



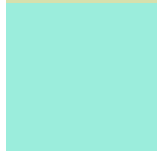
Protanomaly

59.0927, 71.3446, 43.0041



Deuteranomaly

61.9300, 70.6246, 49.9030



Tritanomaly

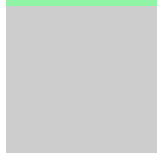
56.7200, 72.7042, 78.7540

Monochromacy



Original Color

50.3792, 73.2213, 46.5998



Achromatopsia

58.0276, 61.0496, 66.4830



Achromatomaly

53.9172, 64.3258, 58.2896

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.3792, 73.2213, 46.5998 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(143, 244, 164)` looks like.

```
.text, #text, p{  
    color:rgb(143, 244, 164)  
}
```

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(143, 244, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 244, 164) }
```

Border

The CSS property to change the border of an element to XYZ 50.3792, 73.2213, 46.5998 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(143, 244, 164) }
```


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

```
.border{ border-color:rgb(143, 244, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 244, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 244, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 244, 164);  
box-shadow:4px 4px 4px 4px rgb(143, 244,  
164) }
```

Background

The CSS property to change the background color of an element to XYZ 50.3792, 73.2213, 46.5998 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 244, 164) }
```

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

```
.background{ background-color: rgb(143,  
244, 164) }
```

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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