

Converting Colors

XYZ(53.8472, 75.0539, 47.5973)

Have a look what the booklet for
XYZ(53.8472, 75.0539, 47.5973)
contains.

XYZ(53.7308, 74.9281, 47.7071)	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(53.7308, 74.9281,
47.7071)**

Conversions

Conversions Part 1

Format	Color
Hex	A0F4A6
RGB	160, 244, 166
RGB Percent	63%, 96%, 65%
CMY	0.3725, 0.0431, 0.3490
CMYK	0.34, 0.00, 0.32, 0.04
HSL	124°, 79%, 79%
HSV	124°, 34%, 96%
XYZ	53.7308, 74.9281, 47.7071
YIQ	209.9920, -25.0260, -42.0660

Conversions

Conversions Part 2

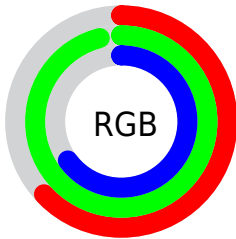
Format	Color
RYB	160, 238, 244
Decimal	10548390
CIELab	89.36, -40.71, 29.75
CIELCh	89, 50.420, 143.841
Yxy	74.9281, 0.3047, 0.4248
Android (android.graphics.Color)	4288738470 (0xFFA0F4A6)
YUV	209.9920, -21.6881, -43.8430
Hunter-Lab	86.5610, -40.6819, 27.9157

Details

The XYZ color **53.7308, 74.9281, 47.7071** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **65.3140, 50.5492, 87.2061**, and the grayscale version is **61.4046, 64.6024, 70.3520**.

A 20% lighter version of the original color is **77.5601, 91.5456, 82.6895**, and **26.5767, 39.7362, 21.8919** is the 20% darker color. If you saturate the color by 10%, you get **47.4249, 71.8988, 37.5022**, and if you desaturate by 10%, it is **61.3641, 78.6037, 59.8885**.

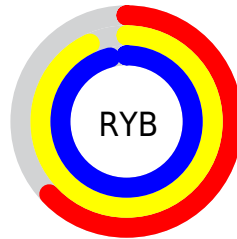
Distribution



Red (63%)

Green (96%)

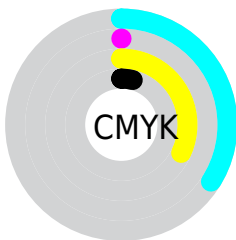
Blue (65%)



Red (63%)

Yellow (93%)

Blue (96%)

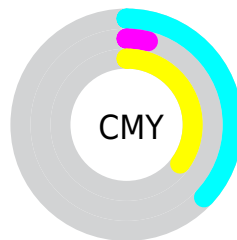


Cyan (34%)

Magenta (0%)

Yellow (32%)

Black (4%)



Cyan (37%)


Magenta (4%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.7308, 74.9281, 47.7071 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 53.7308, 74.9281, 47.7071 by changing the saturation by 10% instead.


 53.7308, 74.9281,
47.7071


 53.7308, 74.9281,
47.7071


391.2978,
477.6704, 394.1051

 38.6163, 55.5540,
33.2367


 94.8381, 126.2106,
88.1291

 26.6407, 39.8454,
22.0352


 121.5616,
158.8877, 114.9178

 17.4388, 27.4181,
13.6842


152.8854,
196.7680, 146.6497

 10.6451, 17.8874,
7.7651

189.1750,
240.2359, 183.7432

 5.8942, 10.8692,
3.8594

230.7957,
289.6756, 226.6170

 2.8209, 5.9790,
1.5485

278.1128,

 1.0598, 2.8323,

345.4717, 275.6895

0.2537

331.4917,
408.0085, 331.3794

0.0000, 1.0448,
0.0000

0.0000, 0.0000,
0.0000

53.7308, 74.9281,
47.7071

53.7308, 74.9281,
47.7071

47.4249, 71.8988,
37.5022

61.3641, 78.6037,
59.8885

42.3650, 69.4696,
29.1651

70.3883, 82.9498,
74.1377

38.4700, 67.6033,
22.5841

80.8702, 88.0011,
90.5461

35.6467, 66.2545,
17.6335

91.6421, 93.1843,
107.7640

■ 33.7875, 65.3708,
14.1711

■ 32.7622, 64.8885,
12.0302

■ 32.4567, 64.7461,
11.3348

Harmonies

Analogous

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



62.0529, 74.9281, 33.8871



53.7308, 74.9281, 47.7071



50.1408, 74.9281, 74.5104

Triad

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



53.7308, 74.9281, 47.7071



68.7022, 74.9281, 169.4790



95.1913, 74.9281, 57.0905

Complementary

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



53.7308, 74.9281, 47.7071



65.3140, 50.5492, 87.2061

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.



97.4996, 74.9281, 89.0916



53.7308, 74.9281, 47.7071



81.2415, 74.9281, 160.8313

Square

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



53.7308, 74.9281, 47.7071



58.1179, 74.9281, 149.6423



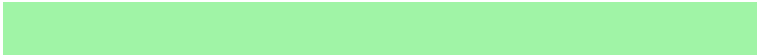
92.1365, 74.9281, 128.5895



86.1495, 74.9281, 38.1087

Rectangle

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



53.7308, 74.9281, 47.7071



50.5788, 74.9281, 98.9387



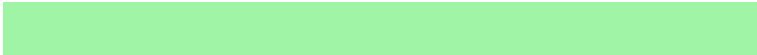
92.1365, 74.9281, 128.5895



96.8207, 74.9281, 66.3875

Sweetspot

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



53.7327, 74.9313, 47.7088



82.7022, 94.0481, 89.6340



74.0933, 85.4897, 45.8542



17.3588, 19.9650, 18.6481



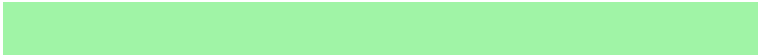
0.0000, 0.0000, 0.0000



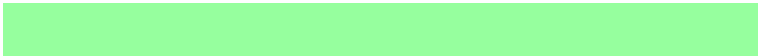
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



53.7327, 74.9313, 47.7088



54.5853, 80.5126, 44.9749



58.1860, 76.7125, 71.1592



16.3302, 18.4912, 17.7573



17.6651, 35.2109, 6.2563



1.5690, 3.1013, 0.6362

Inverse Universe

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



65.3140, 50.5492, 87.2061



69.0888, 49.9648, 94.4285



59.8906, 48.3798, 58.6469



17.1595, 16.7467, 20.5866



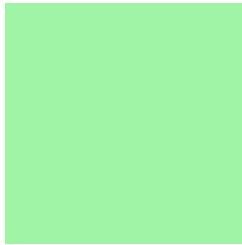
27.8146, 13.4693, 40.5935



2.4597, 1.1898, 3.6469

Previews

White Background



This preview shows how the XYZ color 53.7308, 74.9281, 47.7071 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 53.7308, 74.9281, 47.7071 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

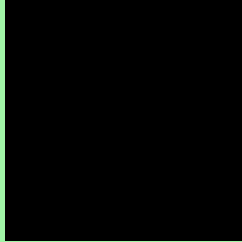
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.7308, 74.9281, 47.7071

Background



This preview shows how black text looks on a background with the XYZ color 53.7308, 74.9281, 47.7071.

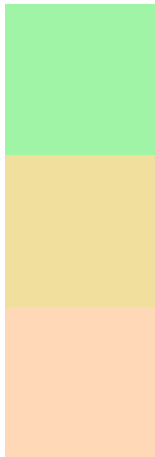


This preview shows how white text looks on a background with the XYZ color 53.7308, 74.9281,

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

53.7308, 74.9281, 47.7071

Protanopia

68.7491, 73.9104, 42.5410

Deuteranopia

74.4476, 73.8324, 55.6747



Tritanopia

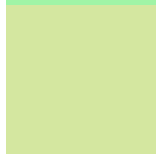
64.6141, 74.5362, 103.0769

Trichromacy



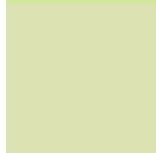
Original Color

53.7308, 74.9281, 47.7071



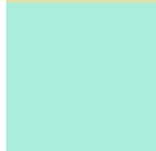
Protanomaly

62.0725, 73.6869, 44.2091



Deuteranomaly

64.6474, 72.7827, 52.2362



Tritanomaly

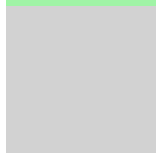
59.9129, 74.3349, 79.5969

Monochromacy



Original Color

53.7308, 74.9281, 47.7071



Achromatopsia

61.2578, 64.4480, 70.1838



Achromatomaly

57.5971, 67.3441, 61.0019

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.7308, 74.9281, 47.7071 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(160, 244, 166)` looks like.

```
.text, #text, p{  
    color:rgb(160, 244, 166)  
}
```

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(160, 244, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 244, 166) }
```

Border

The CSS property to change the border of an element to XYZ 53.7308, 74.9281, 47.7071 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(160, 244, 166) }
```


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

```
.border{ border-color:rgb(160, 244, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 244, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 244, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 244, 166);  
box-shadow:4px 4px 4px 4px rgb(160, 244,  
166) }
```

Background

The CSS property to change the background color of an element to XYZ 53.7308, 74.9281, 47.7071 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 244, 166) }
```

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

```
.background{ background-color: rgb(160,  
244, 166) }
```

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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