

Converting Colors

XYZ(53.9468, 74.6702, 45.6606)

Have a look what the booklet for
XYZ(53.9468, 74.6702, 45.6606)
contains.

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Color

**XYZ(53.8820, 74.6023,
45.7422)**

Conversions

Conversions Part 1

Format	Color
Hex	A4F3A2
RGB	164, 243, 162
RGB Percent	64%, 95%, 64%
CMY	0.3569, 0.0470, 0.3647
CMYK	0.33, 0.00, 0.33, 0.05
HSL	119°, 77%, 79%
HSV	119°, 33%, 95%
XYZ	53.8820, 74.6023, 45.7422
YIQ	210.1450, -21.0830, -41.9390

Conversions

Conversions Part 2

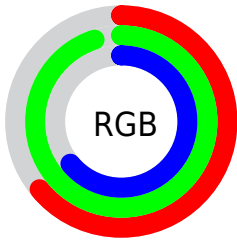
Format	Color
R_{YB}	162, 243, 241
Decimal	10810274
CIE _{Lab}	89.21, -39.66, 31.60
CIE _{LCh}	89, 50.711, 141.454
Yxy	74.6023, 0.3093, 0.4282
Android (android.graphics.Color)	4289000354 (0xFFA4F3A2)
YUV	210.1450, -23.7355, -40.4692
Hunter-Lab	86.3726, -39.7981, 29.0614

Details

The XYZ color **53.8820, 74.6023, 45.7422** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **65.3769, 51.0147, 91.1990**, and the grayscale version is **61.5163, 64.7200, 70.4800**.

A 20% lighter version of the original color is **78.1032, 91.9019, 79.2680**, and **26.6801, 39.4948, 20.9689** is the 20% darker color. If you saturate the color by 10%, you get **47.4838, 71.5320, 35.2362**, and if you desaturate by 10%, it is **61.6129, 78.3157, 58.4925**.

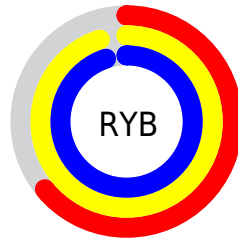
Distribution



Red (64%)

Green (95%)

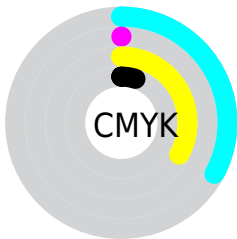
Blue (64%)



Red (64%)

Yellow (95%)

Blue (95%)

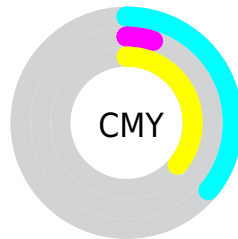


Cyan (33%)

Magenta (0%)

Yellow (33%)

Black (5%)



Cyan (36%)


Magenta (5%)


Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.8820, 74.6023, 45.7422 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 53.8820, 74.6023, 45.7422 by changing the saturation by 10% instead.


 53.8820, 74.6023,
45.7422


 53.8820, 74.6023,
45.7422


391.8656,
476.5495, 386.0187

 38.7376, 55.2871,
31.6952


 95.0589, 125.7492,
85.1633

 26.7355, 39.6317,
20.8659


 121.8221,
158.3498, 111.3744

 17.5102, 27.2515,
12.8358

153.1890,
196.1476, 142.4774

 10.6965, 17.7622,
7.1861

189.5248,
239.5271, 178.8908

 5.9289, 10.7794,
3.4986

231.1951,
288.8727, 221.0331

 2.8421, 5.9187,
1.3545

278.5650,

 1.0708, 2.7957,


344.5686, 269.3228


0.1058


332.0001,
406.9995, 324.1785

 0.0005, 1.0260,
0.0000


 0.0000, 0.0000,
0.0000

 53.8820, 74.6023,
45.7422


 53.8820, 74.6023,
45.7422


 47.4838, 71.5320,
35.2362


 61.6129, 78.3157,
58.4925


 42.3377, 69.0596,
26.8400

 70.7398, 82.6959,
73.6012

 38.3634, 67.1489,
20.4125

 81.3288, 87.7765,
91.1805

 35.4687, 65.7559,
15.7935

 91.3421, 92.5841,
107.6640

■ 33.5478, 64.8300,
12.7976

■ 32.4735, 64.3104,
11.1997

■ 32.1271, 64.1428,
10.6875

Harmonies

Analogous

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



62.5576, 74.6023, 32.8894



53.8820, 74.6023, 45.7422



49.8886, 74.6023, 71.5199

Triad

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



53.8820, 74.6023, 45.7422



67.4306, 74.6023, 168.9433



95.4316, 74.6023, 58.7723

Complementary

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



53.8820, 74.6023, 45.7422



65.3769, 51.0147, 91.1990

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.



97.1288, 74.6023, 91.7797



53.8820, 74.6023, 45.7422



79.9686, 74.6023, 162.5663

Square

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



53.8820, 74.6023, 45.7422



57.0927, 74.6023, 147.0125



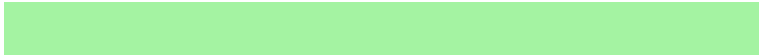
91.1870, 74.6023, 131.5081



86.7877, 74.6023, 38.7473

Rectangle

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



53.8820, 74.6023, 45.7422



50.0546, 74.6023, 95.5231



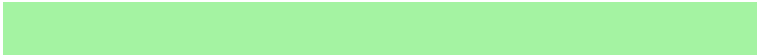
91.1870, 74.6023, 131.5081



96.8705, 74.6023, 68.4375

Sweetspot

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



53.8839, 74.6055, 45.7439



82.6474, 94.0495, 88.2927



74.7355, 84.1641, 46.4898



17.3457, 19.9653, 18.3272



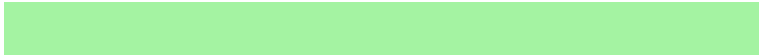
0.0000, 0.0000, 0.0000



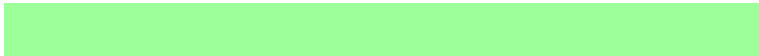
20.3446, 21.4041, 23.3091

Same Dimension

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



53.8839, 74.6055, 45.7439



55.1267, 80.8397, 42.8351



57.3552, 75.9467, 66.1595



16.3200, 18.4915, 17.5066



17.6480, 35.2107, 5.8662



1.5641, 3.1014, 0.5162

Inverse Universe

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



65.3769, 51.0147, 91.1990



69.7614, 50.7883, 100.7340



60.9287, 49.3147, 64.1940



17.1708, 16.7462, 20.8699



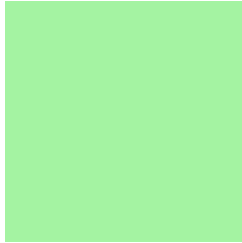
28.0658, 13.4428, 47.6535



2.4793, 1.1880, 4.1889

Previews

White Background



This preview shows how the XYZ color 53.8820, 74.6023, 45.7422 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 53.8820, 74.6023, 45.7422 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 53.8820, 74.6023, 45.7422

Background



This preview shows how black text looks on a background with the XYZ color 53.8820, 74.6023, 45.7422.



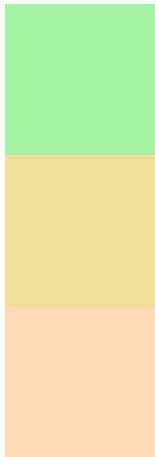
This preview shows how white text looks on a background with the XYZ color 53.8820, 74.6023,

45.7422.

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

53.8820, 74.6023, 45.7422

Protanopia

68.4960, 73.8092, 41.2083

Deuteranopia

74.2394, 73.7491, 54.5781



Tritanopia

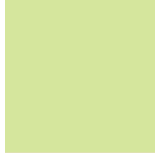
65.0916, 74.3816, 102.1932

Trichromacy



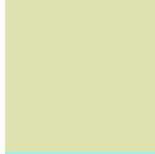
Original Color

53.8820, 74.6023, 45.7422



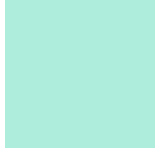
Protanomaly

61.8232, 73.1741, 42.7639



Deuteranomaly

65.0584, 73.0175, 51.2223



Tritanomaly

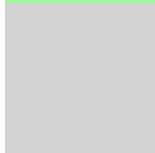
60.2372, 74.1040, 78.1465

Monochromacy



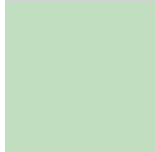
Original Color

53.8820, 74.6023, 45.7422



Achromatopsia

61.2578, 64.4480, 70.1838



Achromatomaly

57.7392, 67.4303, 60.4242

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.8820, 74.6023, 45.7422 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(164, 243, 162)` looks like.

```
.text, #text, p{  
    color:rgb(164, 243, 162)  
}
```

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(164, 243, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 243, 162) }
```

Border

The CSS property to change the border of an element to XYZ 53.8820, 74.6023, 45.7422 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(164, 243, 162) }
```


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

```
.border{ border-color:rgb(164, 243, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 243, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(164, 243, 162); -webkit-box-shadow:4px 4px 4px 4px rgb(164, 243, 162); box-shadow:4px 4px 4px 4px rgb(164, 243, 162) }
```

Background

The CSS property to change the background color of an element to XYZ 53.8820, 74.6023, 45.7422 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 243, 162) }
```

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

```
.background{ background-color: rgb(164,  
243, 162) }
```

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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