

Converting Colors

XYZ(52.2991, 72.5335, 41.8113)

Have a look what the booklet for
XYZ(52.2991, 72.5335, 41.8113)
contains.

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Color

**XYZ(52.3027, 72.5458,
41.8179)**

Conversions

Conversions Part 1

Format	Color
Hex	A4F09A
RGB	164, 240, 154
RGB Percent	64%, 94%, 60%
CMY	0.3569, 0.0588, 0.3961
CMYK	0.32, 0.00, 0.36, 0.06
HSL	113°, 74%, 77%
HSV	113°, 36%, 94%
XYZ	52.3027, 72.5458, 41.8179
YIQ	207.4720, -17.6900, -42.8580

Conversions

Conversions Part 2

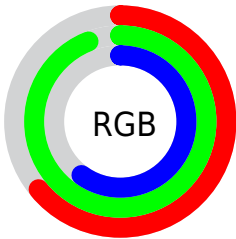
Format	Color
RYB	154, 240, 230
Decimal	10809498
CIELab	88.23, -39.54, 34.33
CIElCh	88, 52.363, 139.033
Yxy	72.5458, 0.3138, 0.4353
Android (android.graphics.Color)	4288999578 (0xFFA4F09A)
YUV	207.4720, -26.3617, -38.1249
Hunter-Lab	85.1738, -39.4427, 30.5120

Details

The XYZ color **52.3027, 72.5458, 41.8179** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **59.9200, 46.2276, 88.2066**, and the grayscale version is **59.7874, 62.9010, 68.4992**.

A 20% lighter version of the original color is **77.0874, 91.4956, 73.9191**, and **25.6384, 38.0775, 18.5688** is the 20% darker color. If you saturate the color by 10%, you get **46.4825, 69.7558, 32.1341**, and if you desaturate by 10%, it is **59.2563, 75.8781, 53.6438**.

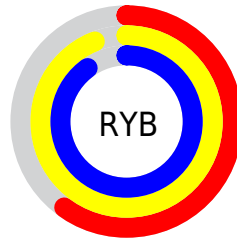
Distribution



Red (64%)

Green (94%)

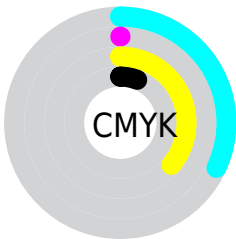
Blue (60%)



Red (60%)

Yellow (94%)

Blue (90%)

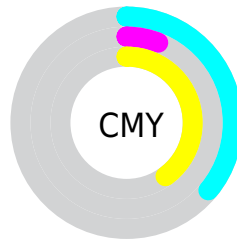


Cyan (32%)

Magenta (0%)

Yellow (36%)

Black (6%)



Cyan (36%)


Magenta (6%)


Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.3027, 72.5458, 41.8179 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 52.3027, 72.5458, 41.8179 by changing the saturation by 10% instead.


 52.3027, 72.5458,
41.8179


 52.3027, 72.5458,
41.8179


385.9089,
469.4391, 369.5049

 37.4717, 53.6047,
28.6342


 92.7491, 122.8322,
79.1911

 25.7482, 38.2857,
18.5611


 119.0951,
154.9462, 104.2176

 16.7671, 26.2045,
11.1800


150.0102,
192.2200, 134.0289

 10.1628, 16.9767,
6.0723

185.8597,
235.0380, 169.0434

 5.5701, 10.2179,
2.8196

227.0090,
283.7845, 209.6798

 2.6237, 5.5436,
1.0033


273.8234,


 0.9580, 2.5696,


338.8439, 256.3564


0.0000


326.6682,
400.6006, 309.4919


 0.0000, 0.9114,
0.0000


 0.0000, 0.0000,
0.0000


 52.3027, 72.5458,
41.8179


 52.3027, 72.5458,
41.8179


 46.4825, 69.7558,
32.1341


 59.2563, 75.8781,
53.6438

 41.7299, 67.4707,
24.4598

 67.3934, 79.7697,
67.7243

 37.9812, 65.6628,
18.6552

 76.7677, 84.2481,
84.1697

 35.1631, 64.2977,
14.5605

 87.4281, 89.3362,
103.0817

■ 33.1923, 63.3366,
11.9891

■ 90.4515, 90.8031,
107.3672

■ 31.9700, 62.7335,
10.7109

■ 31.6378, 62.5686,
10.4095

Harmonies

Analogous

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



61.3850, 72.5458, 30.0453



52.3027, 72.5458, 41.8179



47.8882, 72.5458, 66.5692

Triad

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



52.3027, 72.5458, 41.8179



64.4670, 72.5458, 168.0180



94.3477, 72.5458, 58.5439

Complementary

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



52.3027, 72.5458, 41.8179



59.9200, 46.2276, 88.2066

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.



95.4337, 72.5458, 92.8671



52.3027, 72.5458, 41.8179



77.1179, 72.5458, 163.8941

Square

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



52.3027, 72.5458, 41.8179



54.3229, 72.5458, 143.4408



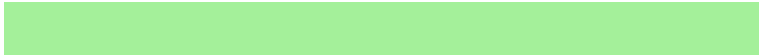
88.8069, 72.5458, 133.4583



85.9980, 72.5458, 37.4821

Rectangle

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



52.3027, 72.5458, 41.8179



47.7775, 72.5458, 90.3350



88.8069, 72.5458, 133.4583



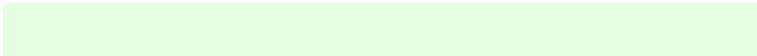
95.6093, 72.5458, 68.6371

Sweetspot

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



52.3045, 72.5489, 41.8195



82.3191, 93.9212, 86.4268



70.0586, 77.4370, 41.8272



17.3103, 19.9552, 17.9567



0.0000, 0.0000, 0.0000



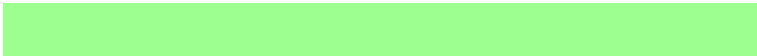
20.3446, 21.4041, 23.3091

Same Dimension

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



52.3045, 72.5489, 41.8195



55.0177, 80.8542, 39.6365



53.4549, 72.7799, 58.2275



15.7365, 17.7443, 16.7453



17.3741, 34.2783, 5.7007



1.5007, 2.8801, 0.4768

Inverse Universe

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



59.9200, 46.2276, 88.2066



64.9335, 46.4998, 100.1607



58.7599, 46.1449, 64.8653



16.2628, 15.9327, 19.9398



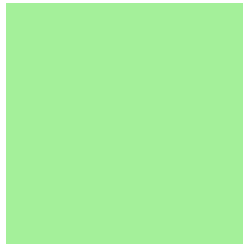
23.5619, 11.1520, 46.0386



2.0109, 0.9539, 3.8324

Previews

White Background



This preview shows how the XYZ color 52.3027, 72.5458, 41.8179 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 52.3027, 72.5458, 41.8179 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 52.3027, 72.5458, 41.8179

Background



This preview shows how black text looks on a background with the XYZ color 52.3027, 72.5458, 41.8179.



This preview shows how white text looks on a background with the XYZ color 52.3027, 72.5458,

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

52.3027, 72.5458, 41.8179

Protanopia

66.3781, 71.6124, 37.5182

Deuteranopia

72.4806, 71.8271, 49.0736



Tritanopia

63.8639, 72.5778, 98.6386

Trichromacy



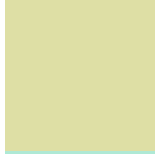
Original Color

52.3027, 72.5458, 41.8179



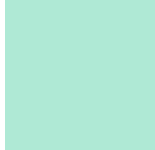
Protanomaly

60.0453, 71.1051, 38.9937



Deuteranomaly

63.3034, 71.0216, 45.9694



Tritanomaly

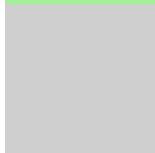
58.8284, 72.1959, 73.7854

Monochromacy



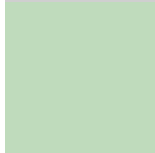
Original Color

52.3027, 72.5458, 41.8179



Achromatopsia

59.3074, 62.3960, 67.9493



Achromatomaly

55.8945, 65.3702, 57.2487

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.3027, 72.5458, 41.8179 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, 240, 154)` looks like.

```
.text, #text, p{  
    color:rgb(164, 240, 154)  
}
```

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, 240, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 240, 154) }
```

Border

The CSS property to change the border of an element to XYZ 52.3027, 72.5458, 41.8179 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, 240, 154) }
```


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

```
.border{ border-color:rgb(164, 240, 154) }
```

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

Here you see how a box with a 4 pixel rgb(164, 240, 154) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 240, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 240, 154);  
box-shadow:4px 4px 4px 4px rgb(164, 240,  
154) }
```

Background

The CSS property to change the background color of an element to XYZ 52.3027, 72.5458, 41.8179 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 240, 154) }
```

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

```
.background{ background-color: rgb(164,  
240, 154) }
```

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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