

Converting Colors

XYZ(52.0544, 76.6595, 41.1417)

Have a look what the booklet for
XYZ(52.0544, 76.6595, 41.1417)
contains.

XYZ(52.0393, 76.4698, 41.2955)	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(52.0393, 76.4698,
41.2955)**

Conversions

Conversions Part 1

Format	Color
Hex	96F997
RGB	150, 249, 151
RGB Percent	59%, 98%, 59%
CMY	0.4118, 0.0235, 0.4078
CMYK	0.40, 0.00, 0.39, 0.02
HSL	121°, 89%, 78%
HSV	121°, 40%, 98%
XYZ	52.0393, 76.4698, 41.2955
YIQ	208.2270, -27.5460, -51.4660

Conversions

Conversions Part 2

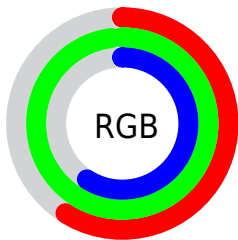
Format	Color
RYB	150, 248, 249
Decimal	9894295
CIELab	90.08, -48.19, 38.12
CIElCh	90, 61.443, 141.652
Yxy	76.4698, 0.3065, 0.4503
Android (android.graphics.Color)	4288084375 (0xFF96F997)
YUV	208.2270, -28.2129, -51.0651
Hunter-Lab	87.4470, -46.8078, 33.2141

Details

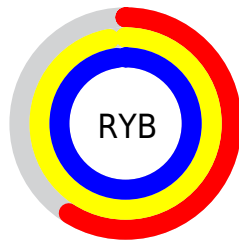
The XYZ color **52.0393, 76.4698, 41.2955** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **66.9190, 48.7312, 94.6888**, and the grayscale version is **60.2933, 63.4333, 69.0788**.

A 20% lighter version of the original color is **72.9130, 89.3861, 71.8028**, and **25.6160, 40.9273, 18.3540** is the 20% darker color. If you saturate the color by 10%, you get **46.1382, 73.6375, 31.6404**, and if you desaturate by 10%, it is **59.3363, 79.9778, 53.2035**.

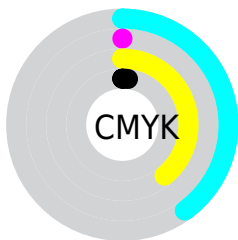
Distribution



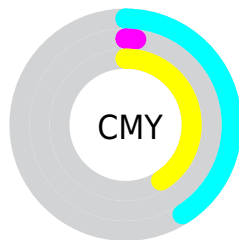
- Red (59%)
- Green (98%)
- Blue (59%)



- Red (59%)
- Yellow (97%)
- Blue (98%)



- Cyan (40%)
- Magenta (0%)
- Yellow (39%)
- Black (2%)




- Cyan (41%)
- Magenta (2%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.0393, 76.4698, 41.2955 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 52.0393, 76.4698, 41.2955 by changing the saturation by 10% instead.


 52.0393, 76.4698,
41.2955

 52.0393, 76.4698,
41.2955


384.9098,
482.9544, 367.2673

 37.2608, 56.8178,
28.2286


 92.3631, 128.3908,
78.3908

 25.5841, 40.8590,
18.2575


 118.6391,
161.4286, 103.2563

 16.6438, 28.2089,
10.9637


149.4783,
199.6971, 132.8918

 10.0746, 18.4832,
5.9286

185.2460,
243.5807, 167.7157

 5.5111, 11.2975,
2.7336

226.3077,
293.4639, 208.1467

 2.5879, 6.2673,
0.9603


273.0286,


 0.9398, 3.0083,


349.7309, 254.6033


0.0000


325.7742,
412.7663, 307.5040


 0.0000, 1.1361,
0.0000


 0.0000, 0.0085,
0.0000

 52.0393, 76.4698,
41.2955


 52.0393, 76.4698,
41.2955


 46.1382, 73.6375,
31.6404


 59.3363, 79.9778,
53.2035


 41.5386, 71.4287,
24.0917

 68.1042, 84.1907,
67.4885

 38.1439, 69.7990,
18.4939

 78.4195, 89.1477,
84.2714

 35.8414, 68.6944,
14.6675

 90.3517, 94.8821,
103.6636

■ 34.4973, 68.0502,
12.4004

■ 93.1672, 96.2344,
108.2724

■ 33.9017, 67.7651,
11.3825

■ 33.8910, 67.7599,
11.3651

Harmonies

Analogous

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



62.3983, 76.4698, 27.0859



52.0393, 76.4698, 41.2955



47.3751, 76.4698, 71.6632

Triad

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



52.0393, 76.4698, 41.2955



68.5104, 76.4698, 196.9459



103.4594, 76.4698, 55.9798

Complementary

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



52.0393, 76.4698, 41.2955



66.9190, 48.7312, 94.6888

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.



105.6985, 76.4698, 96.0507



52.0393, 76.4698, 41.2955



84.0382, 76.4698, 188.1479

Square

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



52.0393, 76.4698, 41.2955



55.9761, 76.4698, 167.9371



98.1688, 76.4698, 146.9348



92.4199, 76.4698, 33.2673

Rectangle

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



52.0393, 76.4698, 41.2955



47.5959, 76.4698, 101.3864



98.1688, 76.4698, 146.9348



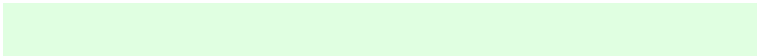
105.3225, 76.4698, 67.4387

Sweetspot

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



52.0412, 76.4730, 41.2972



80.1756, 92.8517, 84.7231



78.4510, 90.0971, 42.1103



16.8463, 19.7229, 17.6225



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.



52.0412, 76.4730, 41.2972



49.6616, 78.1908, 34.9700



56.8224, 78.3855, 66.4746



17.0245, 19.3121, 18.3298



18.1436, 36.2704, 6.0994



1.6828, 3.3602, 0.5777

Inverse Universe

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



66.9190, 48.7312, 94.6888



67.4241, 45.0662, 98.7111



60.3425, 46.1006, 60.0575



17.9851, 17.5214, 21.7771



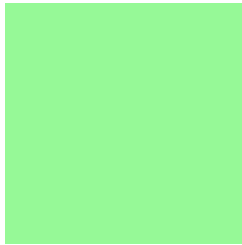
29.8592, 14.3594, 48.0944



2.7679, 1.3309, 4.4669

Previews

White Background



This preview shows how the XYZ color 52.0393, 76.4698, 41.2955 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 52.0393, 76.4698, 41.2955 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 52.0393, 76.4698, 41.2955

Background



This preview shows how black text looks on a background with the XYZ color 52.0393, 76.4698, 41.2955.



This preview shows how white text looks on a background with the XYZ color 52.0393, 76.4698,

41.2955.

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

52.0393, 76.4698, 41.2955

Protanopia

69.8137, 75.3963, 36.4645

Deuteranopia

75.2232, 75.3837, 55.9332



Tritanopia

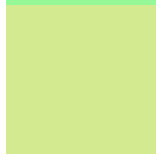
65.0587, 75.9816, 105.8447

Trichromacy



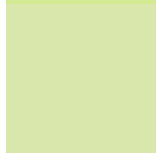
Original Color

52.0393, 76.4698, 41.2955



Protanomaly

61.3976, 74.7389, 37.9781



Deuteranomaly

64.3585, 74.3239, 49.9836



Tritanomaly

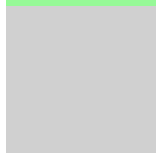
59.2895, 75.8129, 77.1541

Monochromacy



Original Color

52.0393, 76.4698, 41.2955



Achromatopsia

59.9535, 63.0757, 68.6895



Achromatomaly

55.8508, 66.9280, 56.9885

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.0393, 76.4698, 41.2955 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(150, 249, 151)` looks like.

```
.text, #text, p{  
    color:rgb(150, 249, 151)  
}
```

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(150, 249, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 249, 151) }
```

Border

The CSS property to change the border of an element to XYZ 52.0393, 76.4698, 41.2955 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(150, 249, 151) }
```


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

```
.border{ border-color:rgb(150, 249, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 249, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(150, 249, 151); -webkit-box-shadow:4px 4px 4px 4px rgb(150, 249, 151); box-shadow:4px 4px 4px 4px rgb(150, 249, 151) }
```

Background

The CSS property to change the background color of an element to XYZ 52.0393, 76.4698, 41.2955 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 249, 151) }
```

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

```
.background{ background-color: rgb(150,  
249, 151) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor