

Converting Colors

XYZ(53.3100, 41.2350, 93.4291)

Have a look what the booklet for
XYZ(53.3100, 41.2350, 93.4291)
contains.

XYZ(53.3908, 41.3051, 93.1544)	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(53.3908, 41.3051,
93.1544)**

Conversions

Conversions Part 1

Format	Color
Hex	D094F7
RGB	208, 148, 247
RGB Percent	82%, 58%, 97%
CMY	0.1843, 0.4196, 0.0314
CMYK	0.16, 0.40, 0.00, 0.03
HSL	276°, 86%, 77%
HSV	276°, 40%, 97%
XYZ	53.3908, 41.3051, 93.1544
YIQ	177.2260, 3.9810, 43.5090

Conversions

Conversions Part 2

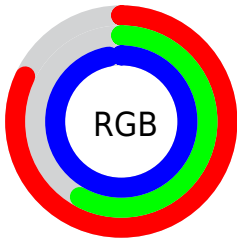
Format	Color
R _Y B	208, 148, 247
Decimal	13669623
CIE Lab	70.39, 40.19, -40.92
CIE LCh	70, 57.351, 314.483
Yxy	41.3051, 0.2842, 0.2199
Android (android.graphics.Color)	4291859703 (0xFFD094F7)
YUV	177.2260, 34.3986, 26.9888
Hunter-Lab	64.2690, 35.8161, -40.9492

Details

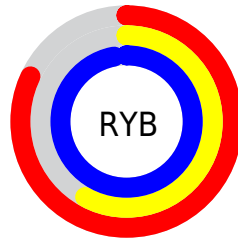
The XYZ color **53.3908, 41.3051, 93.1544** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **59.1009, 79.2255, 40.1958**, and the grayscale version is **41.7334, 43.9068, 47.8145**.

A 20% lighter version of the original color is **80.6459, 71.1919, 104.0986**, and **26.4260, 18.7588, 50.9432** is the 20% darker color. If you saturate the color by 10%, you get **47.2698, 32.9997, 91.8746**, and if you desaturate by 10%, it is **60.5091, 51.3535, 94.7194**.

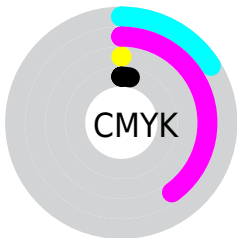
Distribution



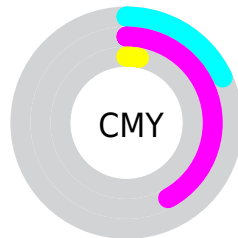
- Red (82%)
- Green (58%)
- Blue (97%)



- Red (82%)
- Yellow (58%)
- Blue (97%)



- Cyan (16%)
- Magenta (40%)
- Yellow (0%)
- Black (3%)



- Cyan (18%)
- Magenta (42%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.3908, 41.3051, 93.1544 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 53.3908, 41.3051, 93.1544 by changing the saturation by 10% instead.

53.3908, 41.3051,
93.1544

53.3908, 41.3051,
93.1544

390.0190,
351.5942, 559.0721

38.3436, 28.5576,
70.0115

94.3413, 77.1468,
153.6859

26.4279, 18.7464,
51.0590

120.9753,
101.0098, 191.9116

17.2784, 11.4872,
35.8785

152.2023,
129.3467, 236.0019

10.5297, 6.3955,
24.0514

188.3876,
162.5420, 286.3754

5.8165, 3.0870,
15.1592

229.8965,
200.9799, 343.4506

2.7734, 1.1773,
8.7834

277.0945,

1.0351, 0.0431,

245.0450, 407.6461

4.5053

330.3469,
295.1216, 479.3805

■ 0.0000, 0.0000,
1.9064

■ 0.0000, 0.0000,
0.4968

■ 53.3908, 41.3051,
93.1544

■ 53.3908, 41.3051,
93.1544

■ 47.2698, 32.9997,
91.8746

■ 60.5091, 51.3535,
94.7194

■ 42.0858, 26.3246,
90.8594

■ 68.6716, 63.2381,
96.5832

■ 37.7778, 21.1614,
90.0898

■ 77.9273, 77.0513,
98.7616

■ 34.2751, 17.3731,
89.5432

■ 88.3205, 92.8778,
101.2686

■ 31.4935, 14.7965,
89.1925

■ 93.7886, 99.4955,
102.2577

■ 29.3107, 13.1708,
88.9938

Harmonies

Analogous

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



43.9728, 41.3051, 116.3576



53.3908, 41.3051, 93.1544



59.4602, 41.3051, 60.3537

Triad

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



53.3908, 41.3051, 93.1544



44.3149, 41.3051, 11.1917



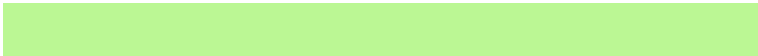
24.1847, 41.3051, 59.2578

Complementary

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



53.3908, 41.3051, 93.1544



59.1009, 79.2255, 40.1958

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.



24.2462, 41.3051, 32.4582



53.3908, 41.3051, 93.1544



34.8952, 41.3051, 11.0959

Square

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



53.3908, 41.3051, 93.1544



53.6757, 41.3051, 17.5103



27.8711, 41.3051, 17.1589



27.6872, 41.3051, 92.0805

Rectangle

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



53.3908, 41.3051, 93.1544



60.2626, 41.3051, 41.0349



27.8711, 41.3051, 17.1589



23.8095, 41.3051, 49.1580

Sweetspot

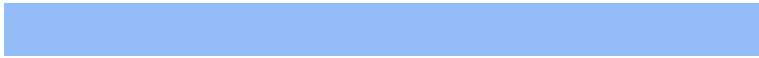
The Sweet Spot groups the original color and five complimentary colors.



53.3923, 41.3068, 93.1553



81.7566, 79.7916, 105.7000



46.9006, 48.8087, 94.9455



17.2125, 16.6485, 22.5562



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.



53.3923, 41.3068, 93.1553



52.0541, 37.1197, 99.0290



64.2495, 47.0758, 85.8985



16.5450, 16.4236, 20.8406



15.6656, 7.0502, 47.0732



1.4922, 0.6791, 4.1427

Inverse Universe

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



57.9186, 44.5434, 52.5604



57.8947, 41.2545, 48.5298



51.6378, 75.2837, 44.1140



16.7695, 16.5906, 18.5326



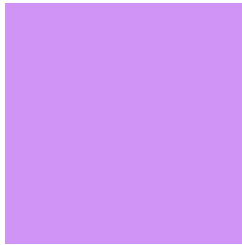
21.4998, 10.9434, 7.3403



1.9387, 0.9814, 0.9034

Previews

White Background



This preview shows how the XYZ color 53.3908, 41.3051, 93.1544 looks on a white background.

Color Contrast Check

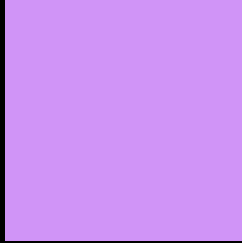
Large Text (above 18pt) WCAG AA × Fail

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 53.3908, 41.3051, 93.1544 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

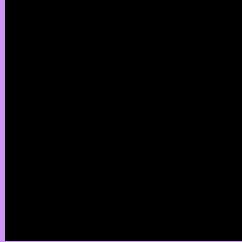
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.3908, 41.3051, 93.1544

Background



This preview shows how black text looks on a background with the XYZ color 53.3908, 41.3051, 93.1544.



This preview shows how white text looks on a background with the XYZ color 53.3908, 41.3051,

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

53.3908, 41.3051, 93.1544

Protanopia

43.7524, 41.8091, 100.3717

Deuteranopia

42.5850, 41.4236, 90.5451



Tritanopia

43.9596, 41.1993, 46.7096

Trichromacy



Original Color

53.3908, 41.3051, 93.1544



Protanomaly

46.4274, 41.0844, 97.5786



Deuteranomaly

45.6117, 40.8073, 91.0606



Tritanomaly

46.9749, 41.1355, 61.3412

Monochromacy



Original Color

53.3908, 41.3051, 93.1544



Achromatopsia

41.7894, 43.9657, 47.8787



Achromatomaly

45.0359, 42.2281, 61.6543

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.3908, 41.3051, 93.1544 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(208, 148, 247)` looks like.

```
.text, #text, p{  
    color:rgb(208, 148, 247)  
}
```

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(208, 148, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 148, 247) }
```

Border

The CSS property to change the border of an element to XYZ 53.3908, 41.3051, 93.1544 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(208, 148, 247) }
```


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

```
.border{ border-color:rgb(208, 148, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 148, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 148, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 148, 247);  
box-shadow:4px 4px 4px 4px rgb(208, 148,  
247) }
```

Background

The CSS property to change the background color of an element to XYZ 53.3908, 41.3051, 93.1544 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 148, 247) }
```

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

```
.background{ background-color: rgb(208,  
148, 247) }
```

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