

Converting Colors

XYZ(53.2075, 40.4257, 76.9507)

Have a look what the booklet for
XYZ(53.2075, 40.4257, 76.9507)
contains.

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Color

**XYZ(53.0651, 40.3516,
76.9433)**

Conversions

Conversions Part 1

Format	Color
Hex	DC8FE2
RGB	220, 143, 226
RGB Percent	86%, 56%, 89%
CMY	0.1372, 0.4392, 0.1137
CMYK	0.03, 0.37, 0.00, 0.11
HSL	296°, 59%, 72%
HSV	296°, 37%, 89%
XYZ	53.0651, 40.3516, 76.9433
YIQ	175.4850, 19.2490, 42.1370

Conversions

Conversions Part 2

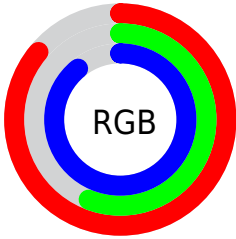
Format	Color
R _Y B	220, 143, 226
Decimal	14454754
CIE _{Lab}	69.72, 42.23, -30.35
CIE _{LCh}	70, 52.007, 324.297
Yxy	40.3516, 0.3115, 0.2369
Android (android.graphics.Color)	4292644834 (0xFFDC8FE2)
YUV	175.4850, 24.9039, 39.0397
Hunter-Lab	63.5229, 37.9484, -27.3501

Details

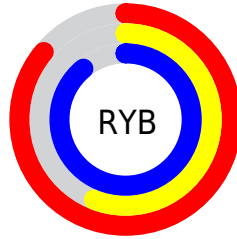
The XYZ color **53.0651, 40.3516, 76.9433** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **44.5502, 62.7665, 35.7558**, and the grayscale version is **40.8680, 42.9963, 46.8230**.

A 20% lighter version of the original color is **79.4841, 68.8682, 103.7114**, and **26.3066, 18.2770, 40.1715** is the 20% darker color. If you saturate the color by 10%, you get **49.5164, 33.9838, 75.9018**, and if you desaturate by 10%, it is **57.3047, 48.0922, 78.2145**.

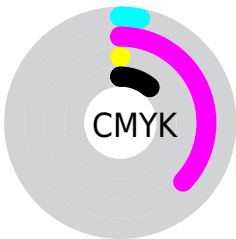
Distribution



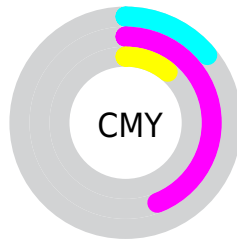
- Red (86%)
- Green (56%)
- Blue (89%)



- Red (86%)
- Yellow (56%)
- Blue (89%)



- Cyan (3%)
- Magenta (37%)
- Yellow (0%)
- Black (11%)





- Cyan (14%)
- Magenta (44%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.0651, 40.3516, 76.9433 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 53.0651, 40.3516, 76.9433 by changing the saturation by 10% instead.

 53.0651, 40.3516,
76.9433


 53.0651, 40.3516,
76.9433


388.7916,
347.6033, 504.0032

 38.0824, 27.8128,
56.6951

 93.8651, 75.6986,
130.8317

 26.2242, 18.1846,
40.3527


 120.4132, 99.2756,
165.3090

 17.1250, 11.0826,
27.4978


151.5471,
127.3008, 205.3663

 10.4195, 6.1224,
17.7117

187.6322,
160.1586, 251.4223

 5.7424, 2.9197,
10.5759

229.0338,
198.2333, 303.8954

 2.7282, 1.0899,
5.6719

276.1174,

 1.0117, 0.0000,

241.9094, 363.2043

2.5811

329.2482,
291.5713, 429.7673

■ 0.0000, 0.0000,
0.8827

■ 0.0000, 0.0000,
0.0000

■ 53.0651, 40.3516,
76.9433

■ 53.0651, 40.3516,
76.9433

■ 49.5164, 33.9838,
75.9018

■ 57.3047, 48.0922,
78.2145

■ 46.6133, 28.9009,
75.0737

■ 62.2690, 57.2760,
79.7255

■ 44.3114, 25.0133,
74.4447

■ 67.9944, 67.9748,
81.4888

■ 42.5589, 22.2174,
73.9974

■ 74.5138, 80.2543,
83.5154

41.2952, 20.3921,
73.7117

81.5364, 93.5328,
85.7083

40.4431, 19.3827,
73.5617

82.0576, 93.8015,
85.7327

40.2104, 19.1434,
73.5278

82.5838, 94.0728,
85.7573

83.1150, 94.3466,
85.7822

83.6510, 94.6229,
85.8073

Harmonies

Analogous

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



45.4103, 40.3516, 101.2181



53.0651, 40.3516, 76.9433



56.8308, 40.3516, 48.7082

Triad

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



53.0651, 40.3516, 76.9433



39.9850, 40.3516, 12.0574



25.4048, 40.3516, 65.9177

Complementary

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



53.0651, 40.3516, 76.9433



44.5502, 62.7665, 35.7558

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.



24.3894, 40.3516, 39.4863



53.0651, 40.3516, 76.9433



32.0676, 40.3516, 13.7707

Square

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



53.0651, 40.3516, 76.9433



48.6020, 40.3516, 16.0088



26.6474, 40.3516, 22.0461



29.6567, 40.3516, 93.3895

Rectangle

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



53.0651, 40.3516, 76.9433



56.2848, 40.3516, 33.4484



26.6474, 40.3516, 22.0461



24.7024, 40.3516, 56.4144

Sweetspot

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



53.0664, 40.3534, 76.9442



86.0034, 83.0083, 106.0971



35.9500, 33.1188, 76.4499



18.1885, 17.3565, 22.6415



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.



53.0664, 40.3534, 76.9442



66.1613, 46.5590, 100.1074



50.6377, 39.5954, 54.5063



14.1921, 13.8826, 17.3193



22.9832, 10.9436, 41.9493



1.6227, 0.7738, 2.9091

Inverse Universe

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



46.6127, 37.9854, 33.3109



56.6111, 43.0764, 34.5709



46.5196, 63.4310, 51.6938



13.7472, 13.7165, 14.4391



17.9640, 9.2526, 1.2105



1.2594, 0.6471, 0.1591

Previews

White Background



This preview shows how the XYZ color 53.0651, 40.3516, 76.9433 looks on a white background.

Color Contrast Check

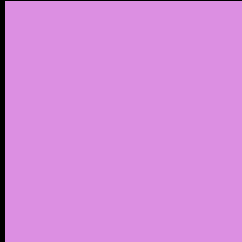
Large Text (above 18pt) WCAG AA × Fail

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 53.0651, 40.3516, 76.9433 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

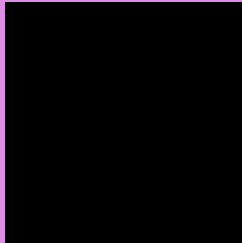
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.0651, 40.3516, 76.9433

Background



This preview shows how black text looks on a background with the XYZ color 53.0651, 40.3516, 76.9433.



This preview shows how white text looks on a background with the XYZ color 53.0651, 40.3516,

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

53.0651, 40.3516, 76.9433

Protanopia

42.3381, 40.7088, 92.0123

Deuteranopia

41.5510, 40.6993, 74.0724



Tritanopia

45.8478, 40.2298, 41.9079

Trichromacy



Original Color

53.0651, 40.3516, 76.9433



Protanomaly

45.0643, 39.8536, 86.2063



Deuteranomaly

45.0088, 40.0691, 75.1739



Tritanomaly

48.1680, 40.2111, 52.7997

Monochromacy



Original Color

53.0651, 40.3516, 76.9433



Achromatopsia

40.7470, 42.8690, 46.6844



Achromatomaly

44.3207, 41.1658, 56.6488

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.0651, 40.3516, 76.9433 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(220, 143, 226)` looks like.

```
.text, #text, p{  
    color:rgb(220, 143, 226)  
}
```

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(220, 143, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 143, 226) }
```

Border

The CSS property to change the border of an element to XYZ 53.0651, 40.3516, 76.9433 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(220, 143, 226) }
```


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

```
.border{ border-color:rgb(220, 143, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 143, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 143, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 143, 226);  
box-shadow:4px 4px 4px 4px rgb(220, 143,  
226) }
```

Background

The CSS property to change the background color of an element to XYZ 53.0651, 40.3516, 76.9433 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 143, 226) }
```

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

```
.background{ background-color: rgb(220,  
143, 226) }
```

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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