

Converting Colors

XYZ(56.2714, 41.1629, 97.0848)

Have a look what the booklet for
XYZ(56.2714, 41.1629, 97.0848)
contains.

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Color

**XYZ(56.3090, 41.1381,
97.0681)**

Conversions

Conversions Part 1

Format	Color
Hex	DB8DFC
RGB	219, 141, 252
RGB Percent	86%, 55%, 99%
CMY	0.1412, 0.4470, 0.0118
CMYK	0.13, 0.44, 0.00, 0.01
HSL	282°, 95%, 77%
HSV	282°, 44%, 99%
XYZ	56.3090, 41.1381, 97.0681
YIQ	176.9760, 10.8570, 51.0570

Conversions

Conversions Part 2

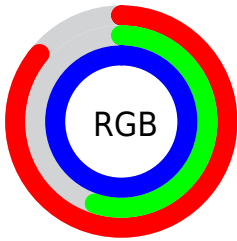
Format	Color
R _Y B	219, 141, 252
Decimal	14388732
CIE Lab	70.27, 48.07, -43.74
CIE LCh	70, 64.994, 317.700
Yxy	41.1381, 0.2895, 0.2115
Android (android.graphics.Color)	4292578812 (0xFFDB8DFC)
YUV	176.9760, 36.9868, 36.8550
Hunter-Lab	64.1390, 44.4658, -44.8323

Details

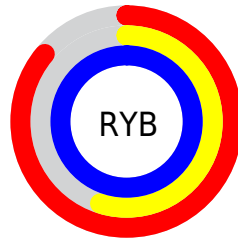
The XYZ color **56.3090, 41.1381, 97.0681** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **57.0749, 80.5435, 37.7393**, and the grayscale version is **41.5867, 43.7525, 47.6464**.

A 20% lighter version of the original color is **79.0299, 67.9599, 103.5600**, and **28.2403, 18.6010, 53.7317** is the 20% darker color. If you saturate the color by 10%, you get **50.8042, 33.3985, 95.8650**, and if you desaturate by 10%, it is **62.7635, 50.6239, 98.5595**.

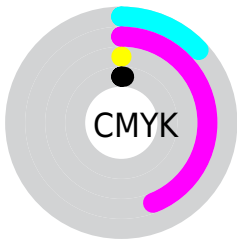
Distribution



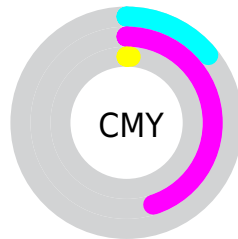
- Red (86%)
- Green (55%)
- Blue (99%)



- Red (86%)
- Yellow (55%)
- Blue (99%)



- Cyan (13%)
- Magenta (44%)
- Yellow (0%)
- Black (1%)





- Cyan (14%)
- Magenta (45%)
- Yellow (1%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 56.3090, 41.1381, 97.0681 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 56.3090, 41.1381, 97.0681 by changing the saturation by 10% instead.


 56.3090, 41.1381,
97.0681


 56.3090, 41.1381,
97.0681


400.9111,
350.8975, 571.9174

 40.6887, 28.4270,
73.2511


 98.5934, 76.8935,
159.1388

 28.2625, 18.6478,
53.6882


 125.9882,
100.7066, 198.2295

 18.6651, 11.4161,
37.9610


158.0386,
128.9891, 243.2485

 11.5311, 6.3474,
25.6508

195.1099,
162.1255, 294.6144

 6.4952, 3.0575,
16.3392

237.5674,
200.5002, 352.7457

 3.1919, 1.1618,
9.6075

285.7766,

 1.2561, 0.0302,

244.4974, 418.0610

5.0373

340.1027,
294.5017, 490.9787

■ 0.1500, 0.0000,
2.2101

■ 0.0000, 0.0000,
0.6802

■ 56.3090, 41.1381,
97.0681

■ 56.3090, 41.1381,
97.0681

■ 50.8042, 33.3985,
95.8650

■ 62.7635, 50.6239,
98.5595

■ 46.1851, 27.2830,
94.9280

■ 70.2170, 61.9567,
100.3541

■ 42.3867, 22.6620,
94.2363

■ 78.7208, 75.2354,
102.4690

■ 39.3315, 19.3830,
93.7644

■ 88.3209, 90.5506,
104.9191

■ 36.9254, 17.2597,
93.4814

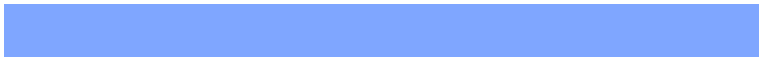
94.5708, 99.8083,
106.3766

■ 35.7211, 16.3852,
93.3761

Harmonies

Analogous

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



45.6709, 41.1381, 127.2430



56.3090, 41.1381, 97.0681



62.7470, 41.1381, 58.5009

Triad

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



56.3090, 41.1381, 97.0681



43.6326, 41.1381, 8.4306



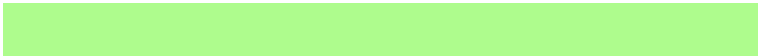
22.6409, 41.1381, 65.1205

Complementary

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



56.3090, 41.1381, 97.0681



57.0749, 80.5435, 37.7393

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.



22.2953, 41.1381, 33.4125



56.3090, 41.1381, 97.0681



33.1926, 41.1381, 8.9097

Square

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



56.3090, 41.1381, 97.0681



54.5851, 41.1381, 13.8876



25.8125, 41.1381, 15.7576



26.8620, 41.1381, 103.7672

Rectangle

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



56.3090, 41.1381, 97.0681



63.1395, 41.1381, 37.3768



25.8125, 41.1381, 15.7576



22.0994, 41.1381, 53.1292

Sweetspot

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



56.3105, 41.1398, 97.0690



81.8382, 78.8214, 105.5085



43.7508, 43.0809, 98.1056



17.0779, 16.1781, 22.4725



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.



56.3105, 41.1398, 97.0690



52.7202, 35.0369, 98.5919



63.9258, 45.4487, 80.1201



17.4612, 17.2504, 21.7946



18.7627, 8.6152, 48.6476



1.8442, 0.8528, 4.5106

Inverse Universe

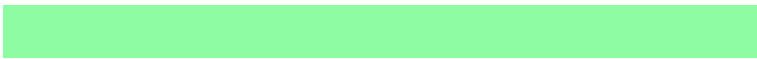
The Inverse Universe completely reimagines the original color for something new.



57.3110, 42.8028, 45.2870



54.2862, 37.1960, 37.5894



52.4250, 77.9361, 47.0262



17.4569, 17.3101, 18.9959



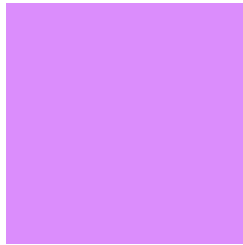
21.6282, 11.0670, 4.7503



2.0476, 1.0428, 0.6740

Previews

White Background



This preview shows how the XYZ color 56.3090, 41.1381, 97.0681 looks on a white background.

Color Contrast Check

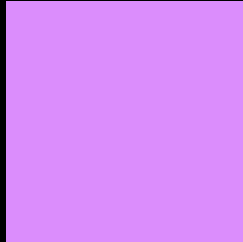
Large Text (above 18pt) WCAG AA × Fail

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 56.3090, 41.1381, 97.0681 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

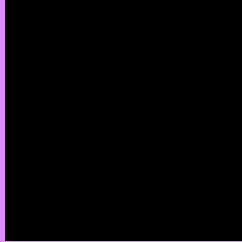
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.3090, 41.1381, 97.0681

Background



This preview shows how black text looks on a background with the XYZ color 56.3090, 41.1381, 97.0681.



This preview shows how white text looks on a background with the XYZ color 56.3090, 41.1381,

97.0681.

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

56.3090, 41.1381, 97.0681

Protanopia

43.3933, 41.3467, 100.3014

Deuteranopia

42.5109, 41.3326, 92.9262



Tritanopia

45.4809, 41.0019, 44.0451

Trichromacy



Original Color

56.3090, 41.1381, 97.0681



Protanomaly

46.8651, 40.4981, 99.1128



Deuteranomaly

46.1360, 40.2315, 94.1408

Tritanomaly

48.5175, 40.4755, 59.8990

Monochromacy



Original Color

56.3090, 41.1381, 97.0681



Achromatopsia

41.7894, 43.9657, 47.8787



Achromatomaly

45.9128, 42.1170, 62.8363

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.3090, 41.1381, 97.0681 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(219, 141, 252)` looks like.

```
.text, #text, p{  
    color:rgb(219, 141, 252)  
}
```

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(219, 141, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 141, 252) }
```

Border

The CSS property to change the border of an element to XYZ 56.3090, 41.1381, 97.0681 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(219, 141, 252) }
```


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

```
.border{ border-color:rgb(219, 141, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 141, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 141, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 141, 252);  
box-shadow:4px 4px 4px 4px rgb(219, 141,  
252) }
```

Background

The CSS property to change the background color of an element to XYZ 56.3090, 41.1381, 97.0681 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 141, 252) }
```

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

```
.background{ background-color: rgb(219,  
141, 252) }
```

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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