

Converting Colors

XYZ(54.0295, 36.1376, 98.7353)

Have a look what the booklet for
XYZ(54.0295, 36.1376, 98.7353)
contains.

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Color

**XYZ(53.9230, 36.0445,
98.7230)**

Conversions

Conversions Part 1

Format	Color
Hex	DA7AFF
RGB	218, 122, 255
RGB Percent	85%, 48%, 100%
CMY	0.1451, 0.5216, 0.0000
CMYK	0.15, 0.52, 0.00, 0.00
HSL	283°, 100%, 74%
HSV	283°, 52%, 100%
XYZ	53.9230, 36.0445, 98.7230
YIQ	165.8660, 14.5230, 61.7150

Conversions

Conversions Part 2

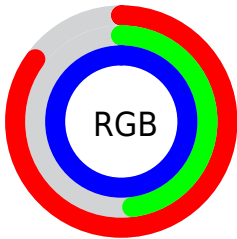
Format	Color
R _Y B	218, 122, 255
Decimal	14318335
CIE _{Lab}	66.55, 58.08, -51.24
CIE _{LCh}	67, 77.455, 318.581
Yxy	36.0445, 0.2858, 0.1910
Android (android.graphics.Color)	4292508415 (0xFFDA7AFF)
YUV	165.8660, 43.9431, 45.7215
Hunter-Lab	60.0371, 55.2570, -55.4686

Details

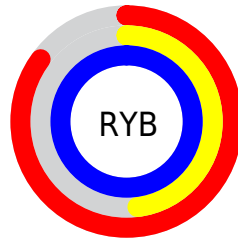
The XYZ color **53.9230, 36.0445, 98.7230** is a light color, and the websafe version is hex **CC66FF**. A complement of this color would be **53.5716, 80.2964, 31.0890**, and the grayscale version is **35.9718, 37.8452, 41.2134**.

A 20% lighter version of the original color is **75.0121, 59.9243, 102.2207**, and **26.7574, 15.6850, 55.0433** is the 20% darker color. If you saturate the color by 10%, you get **49.1169, 29.5135, 97.7157**, and if you desaturate by 10%, it is **59.6437, 44.2677, 100.0087**.

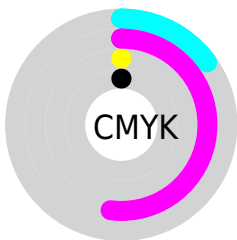
Distribution



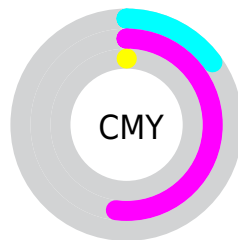
- Red (85%)
- Green (48%)
- Blue (100%)



- Red (85%)
- Yellow (48%)
- Blue (100%)



- Cyan (15%)
- Magenta (52%)
- Yellow (0%)
- Black (0%)





- Cyan (15%)
- Magenta (52%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.9230, 36.0445, 98.7230 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 53.9230, 36.0445, 98.7230 by changing the saturation by 10% instead.


 53.9230, 36.0445,
98.7230

 53.9230, 36.0445,
98.7230

392.0195,
329.1550, 577.3024


 38.7705, 24.4686,
74.6236


 95.1187, 69.1007,
161.4377

 26.7612, 15.6816,
54.8047

 121.8927, 91.3498,
200.8901

 17.5296, 9.2991,
38.8478


 153.2712,
117.9255, 246.2972

 10.7104, 4.9368,
26.3344

189.6197,
149.2120, 298.0775

 5.9383, 2.2102,
16.8460

231.3033,
185.5938, 356.6497

 2.8479, 0.7256,
9.9640

278.6876,

 1.0739, 0.0000,

227.4553, 422.4322

5.2698

332.1379,
275.1809, 495.8436

■ 0.0031, 0.0000,
2.3449

■ 0.0000, 0.0000,
0.7562

■ 53.9230, 36.0445,
98.7230

■ 53.9230, 36.0445,
98.7230

■ 49.1169, 29.5135,
97.7157

■ 59.6437, 44.2677,
100.0087

■ 45.1547, 24.5383,
96.9642

■ 66.3348, 54.2964,
101.5918

■ 41.9608, 20.9682,
96.4434

■ 74.0520, 66.2393,
103.4902

■ 39.4425, 18.6197,
96.1229

■ 82.8454, 80.1948,
105.7205

■ 37.8322, 17.4181,
95.9758

■ 92.7616, 96.2548,
108.2977

95.0500, 100.0000,
108.9000

Harmonies

Analogous

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



41.8938, 36.0445, 136.6886



53.9230, 36.0445, 98.7230



61.1996, 36.0445, 53.3465

Triad

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



53.9230, 36.0445, 98.7230



38.8819, 36.0445, 3.9868



17.1281, 36.0445, 63.4073

Complementary

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



53.9230, 36.0445, 98.7230



53.5716, 80.2964, 31.0890

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.



16.6764, 36.0445, 27.8793



53.9230, 36.0445, 98.7230



27.6135, 36.0445, 4.4550

Square

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



53.9230, 36.0445, 98.7230



51.2928, 36.0445, 8.1395



20.0722, 36.0445, 10.2881



21.4881, 36.0445, 109.5661

Rectangle

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



53.9230, 36.0445, 98.7230



61.4832, 36.0445, 30.4414



20.0722, 36.0445, 10.2881



16.5577, 36.0445, 49.6038

Sweetspot

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



53.9243, 36.0459, 98.7232



79.3341, 74.5850, 104.8227



38.5932, 36.3909, 99.5978



16.5928, 15.3484, 22.3379



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.



53.9243, 36.0459, 98.7232



48.7504, 29.0349, 97.6426



61.9528, 40.6813, 76.6711



18.2711, 18.0315, 22.7674



19.9205, 9.1799, 50.1566



2.0457, 0.9485, 4.8885

Inverse Universe

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



54.4582, 37.6834, 37.2051



49.9371, 31.1931, 27.8305



49.3580, 77.8864, 41.6338



18.2170, 18.0701, 19.7599



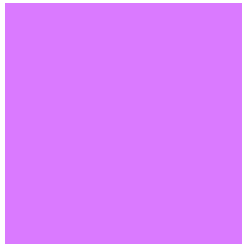
22.1961, 11.3677, 4.4170



2.2052, 1.1244, 0.6618

Previews

White Background



This preview shows how the XYZ color 53.9230, 36.0445, 98.7230 looks on a white background.

Color Contrast Check

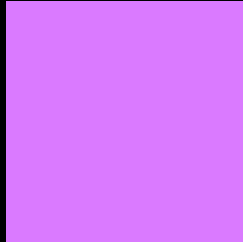
Large Text (above 18pt) WCAG AA × Fail

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 53.9230, 36.0445, 98.7230 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

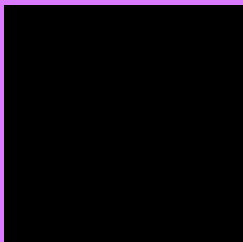
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.9230, 36.0445, 98.7230

Background



This preview shows how black text looks on a background with the XYZ color 53.9230, 36.0445, 98.7230.



This preview shows how white text looks on a background with the XYZ color 53.9230, 36.0445,

98.7230.

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

53.9230, 36.0445, 98.7230

Protanopia

38.9056, 36.3762, 99.5785

Deuteranopia

37.4546, 36.5491, 93.0763



Tritanopia

41.3523, 35.8638, 37.0906

Trichromacy



Original Color

53.9230, 36.0445, 98.7230



Protanomaly

42.6270, 35.1487, 99.1454



Deuteranomaly

41.3993, 34.8375, 94.9848

Tritanomaly

44.8658, 35.2969, 54.9004

Monochromacy



Original Color

53.9230, 36.0445, 98.7230



Achromatopsia

36.2450, 38.1326, 41.5264



Achromatomaly

41.1070, 36.2042, 58.2476

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.9230, 36.0445, 98.7230 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(218, 122, 255)` looks like.

```
.text, #text, p{  
    color:rgb(218, 122, 255)  
}
```

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(218, 122, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 122, 255) }
```

Border

The CSS property to change the border of an element to XYZ 53.9230, 36.0445, 98.7230 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(218, 122, 255) }
```


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

```
.border{ border-color:rgb(218, 122, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 122, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 122, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 122, 255);  
box-shadow:4px 4px 4px 4px rgb(218, 122,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 53.9230, 36.0445, 98.7230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 122, 255) }
```

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

```
.background{ background-color: rgb(218,  
122, 255) }
```

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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