

Converting Colors

XYZ(52.8788, 43.4371, 98.7719)

Have a look what the booklet for
XYZ(52.8788, 43.4371, 98.7719)
contains.

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Color

**XYZ(52.7214, 43.2813,
98.5039)**

Conversions

Conversions Part 1

Format	Color
Hex	C49EFD
RGB	196, 158, 253
RGB Percent	77%, 62%, 99%
CMY	0.2314, 0.3804, 0.0078
CMYK	0.23, 0.38, 0.00, 0.01
HSL	264°, 96%, 81%
HSV	264°, 38%, 99%
XYZ	52.7214, 43.2813, 98.5039
YIQ	180.1920, -7.8470, 37.6010

Conversions

Conversions Part 2

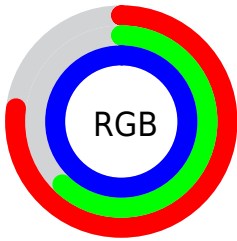
Format	Color
RYB	196, 158, 253
Decimal	12885757
CIELab	71.75, 32.61, -42.15
CIELCh	72, 53.288, 307.728
Yxy	43.2813, 0.2711, 0.2225
Android (android.graphics.Color)	4291075837 (0xFFC49EFD)
YUV	180.1920, 35.8943, 13.8636
Hunter-Lab	65.7885, 27.9158, -42.7218

Details

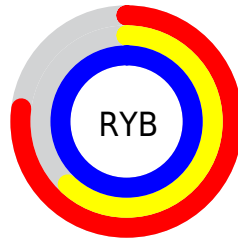
The XYZ color **52.7214, 43.2813, 98.5039** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **69.3223, 87.1672, 45.5207**, and the grayscale version is **43.3031, 45.5582, 49.6129**.

A 20% lighter version of the original color is **82.7173, 75.8793, 104.8942**, and **25.9331, 19.8690, 54.6928** is the 20% darker color. If you saturate the color by 10%, you get **45.0913, 33.5883, 97.0358**, and if you desaturate by 10%, it is **61.6423, 54.9602, 100.2887**.

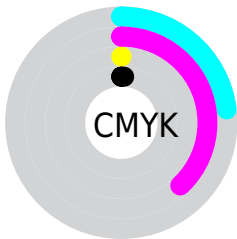
Distribution



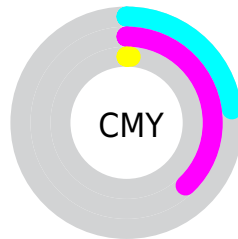
- Red (77%)
- Green (62%)
- Blue (99%)



- Red (77%)
- Yellow (62%)
- Blue (99%)



- Cyan (23%)
- Magenta (38%)
- Yellow (0%)
- Black (1%)





- Cyan (23%)
- Magenta (38%)
- Yellow (1%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.7214, 43.2813, 98.5039 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 52.7214, 43.2813, 98.5039 by changing the saturation by 10% instead.


 52.7214, 43.2813,
98.5039

 52.7214, 43.2813,
98.5039


387.4937,
359.7673, 576.5910

 37.8070, 30.1059,
74.4418


 93.3622, 80.1352,
161.1336

 26.0095, 19.9190,
54.6567


 119.8194,
104.5824, 200.5382

 16.9634, 12.3362,
38.7302


150.8548,
133.5558, 245.8941

 10.3036, 6.9731,
26.2437

186.8339,
167.4396, 297.6197

 5.6645, 3.4453,
16.7786

228.1219,
206.6182, 356.1337

 2.6809, 1.3684,
9.9165

275.0844,

 0.9873, 0.1932,

251.4762, 421.8545

5.2387

328.0865,
302.3977, 495.2008

■ 0.0000, 0.0000,
2.3268

■ 0.0000, 0.0000,
0.7462

■ 52.7214, 43.2813,
98.5039

■ 52.7214, 43.2813,
98.5039

■ 45.0913, 33.5883,
97.0358

■ 61.6423, 54.9602,
100.2887

■ 38.6807, 25.7601,
95.8627

■ 71.9111, 68.7262,
102.4046

■ 33.4179, 19.6701,
94.9646

■ 83.5864, 84.6793,
104.8685

■ 29.2204, 15.1731,
94.3179

94.7298, 99.8719,
107.2136

■ 25.9930, 12.0988,
93.8945

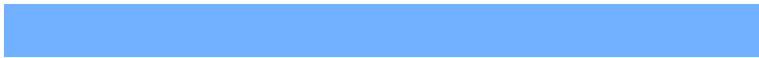
■ 23.6137, 10.2252,
93.6583

■ 23.1191, 9.8702,
93.6159

Harmonies

Analogous

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



43.5205, 43.2813, 115.6991



52.7214, 43.2813, 98.5039



59.4176, 43.2813, 68.6309

Triad

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



52.7214, 43.2813, 98.5039



48.0858, 43.2813, 14.4319



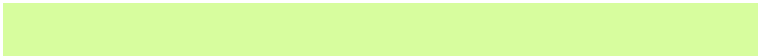
26.2011, 43.2813, 54.1450

Complementary

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



52.7214, 43.2813, 98.5039



69.3223, 87.1672, 45.5207

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.



27.0535, 43.2813, 30.6600



52.7214, 43.2813, 98.5039



38.8433, 43.2813, 12.9997

Square

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



52.7214, 43.2813, 98.5039



56.4796, 43.2813, 22.7496



31.3884, 43.2813, 17.6933



28.8606, 43.2813, 84.6384

Rectangle

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



52.7214, 43.2813, 98.5039



61.0728, 43.2813, 49.1274



31.3884, 43.2813, 17.6933



26.0944, 43.2813, 45.1796

Sweetspot

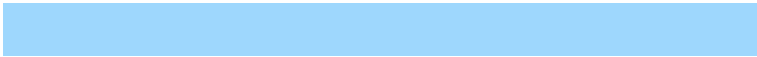
The Sweet Spot groups the original color and five complimentary colors.



52.7229, 43.2830, 98.5049



80.8224, 80.3374, 105.8546



56.1320, 62.9633, 102.1239



16.9506, 16.7184, 22.5835



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.



52.7229, 43.2830, 98.5049



47.7509, 36.5073, 99.1376



67.0926, 50.6909, 99.1774



17.6906, 17.7323, 22.7402



12.4519, 5.3297, 49.8070



1.3317, 0.5804, 4.8551

Inverse Universe

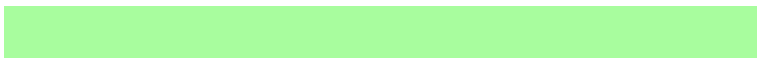
The Inverse Universe completely reimagines the original color for something new.



65.0018, 50.2442, 70.5633



62.1756, 44.6977, 65.7369



57.3403, 80.9903, 44.9600



18.4670, 18.1701, 21.0764



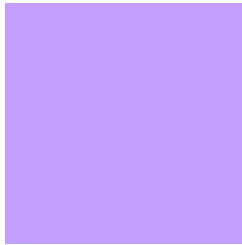
24.6289, 12.3409, 17.2281



2.4520, 1.2232, 1.9618

Previews

White Background



This preview shows how the XYZ color 52.7214, 43.2813, 98.5039 looks on a white background.

Color Contrast Check

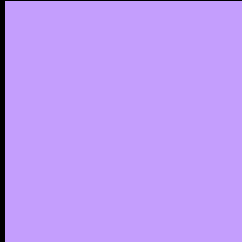
Large Text (above 18pt) WCAG AA × Fail

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 52.7214, 43.2813, 98.5039 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

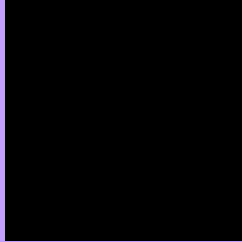
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.7214, 43.2813, 98.5039

Background



This preview shows how black text looks on a background with the XYZ color 52.7214, 43.2813, 98.5039.



This preview shows how white text looks on a background with the XYZ color 52.7214, 43.2813,

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

52.7214, 43.2813, 98.5039

Protanopia

45.3880, 43.4967, 100.6112

Deuteranopia

44.7858, 43.5638, 96.4907



Tritanopia

43.3826, 43.2406, 52.5141

Trichromacy



Original Color

52.7214, 43.2813, 98.5039

Protanomaly

47.6179, 43.2680, 99.6078

Deuteranomaly

47.1411, 43.0773, 97.0969

Tritanomaly

46.1906, 42.9819, 66.8346

Monochromacy



Original Color

52.7214, 43.2813, 98.5039

Achromatopsia

43.3819, 45.6411, 49.7032

Achromatomaly

46.2647, 44.4491, 65.1726

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.7214, 43.2813, 98.5039 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(196, 158, 253)` looks like.

```
.text, #text, p{  
    color:rgb(196, 158, 253)  
}
```

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(196, 158, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 158, 253) }
```

Border

The CSS property to change the border of an element to XYZ 52.7214, 43.2813, 98.5039 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(196, 158, 253) }
```


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

```
.border{ border-color:rgb(196, 158, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 158, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 158, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 158, 253);  
box-shadow:4px 4px 4px 4px rgb(196, 158,  
253) }
```

Background

The CSS property to change the background color of an element to XYZ 52.7214, 43.2813, 98.5039 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 158, 253) }
```

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

```
.background{ background-color: rgb(196,  
158, 253) }
```

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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