

Converting Colors

XYZ(52.8674, 44.7928, 92.2457)

Have a look what the booklet for
XYZ(52.8674, 44.7928, 92.2457)
contains.

XYZ(52.8673, 44.7927, 92.2457)	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(52.8673, 44.7927,
92.2457)**

Conversions

Conversions Part 1

Format	Color
Hex	C6A3F5
RGB	198, 163, 245
RGB Percent	78%, 64%, 96%
CMY	0.2235, 0.3608, 0.0392
CMYK	0.19, 0.33, 0.00, 0.04
HSL	266°, 80%, 80%
HSV	266°, 33%, 96%
XYZ	52.8673, 44.7927, 92.2457
YIQ	182.8130, -5.4620, 32.9220

Conversions

Conversions Part 2

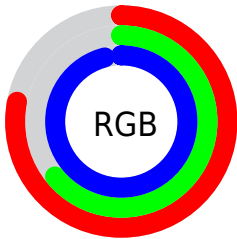
Format	Color
R _Y B	198, 163, 245
Decimal	13018101
CIE Lab	72.76, 28.63, -36.22
CIE LCh	73, 46.171, 308.329
Yxy	44.7927, 0.2784, 0.2359
Android (android.graphics.Color)	4291208181 (0xFFC6A3F5)
YUV	182.8130, 30.6582, 13.3190
Hunter-Lab	66.9273, 23.8780, -34.8700

Details

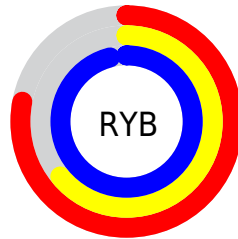
The XYZ color **52.8673, 44.7927, 92.2457** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **65.8430, 81.6519, 46.9423**, and the grayscale version is **44.7482, 47.0786, 51.2686**.

A 20% lighter version of the original color is **84.3614, 78.6228, 105.3371**, and **26.0892, 20.8394, 50.2243** is the 20% darker color. If you saturate the color by 10%, you get **45.4000, 35.0999, 90.7691**, and if you desaturate by 10%, it is **61.5235, 56.3513, 94.0212**.

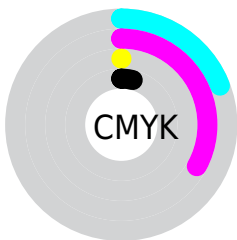
Distribution



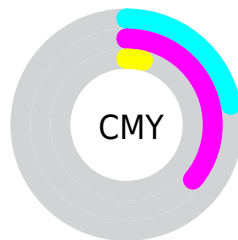
- Red (78%)
- Green (64%)
- Blue (96%)



- Red (78%)
- Yellow (64%)
- Blue (96%)



- Cyan (19%)
- Magenta (33%)
- Yellow (0%)
- Black (4%)





- Cyan (22%)
- Magenta (36%)
- Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.8673, 44.7927, 92.2457 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 52.8673, 44.7927, 92.2457 by changing the saturation by 10% instead.


 52.8673, 44.7927,
92.2457


 52.8673, 44.7927,
92.2457


388.0450,
365.9333, 556.0668

 37.9239, 31.2942,
69.2606


 93.5758, 82.4092,
152.4165

 26.1006, 20.8230,
50.4509


 120.0715,
107.2961, 190.4393

 17.0320, 12.9947,
35.3981


151.1488,
136.7478, 234.3117

 10.3527, 7.4249,
23.6837

187.1729,
171.1487, 284.4522

 5.6975, 3.7292,
14.8891

228.5092,
210.8834, 341.2794

 2.7009, 1.5233,
8.5958

275.5231,

 0.9977, 0.3050,

256.3361, 405.2119

4.3853

328.5799,
307.8913, 476.6682

■ 0.0000, 0.0000,
1.8390

■ 0.0000, 0.0000,
0.4535

■ 52.8673, 44.7927,
92.2457

■ 52.8673, 44.7927,
92.2457

■ 45.4000, 35.0999,
90.7691

■ 61.5235, 56.3513,
94.0212

■ 39.0589, 27.1649,
89.5717

■ 71.4178, 69.8647,
96.1081

■ 33.7820, 20.8769,
88.6361

■ 82.6021, 85.4225,
98.5216

■ 29.4985, 16.1095,
87.9417

■ 93.1782, 99.2162,
100.6266

■ 26.1278, 12.7172,
87.4646

■ 93.4816, 99.3726,
100.6408

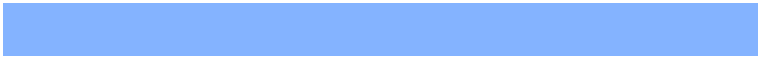
■ 23.5733, 10.5237,
87.1758

■ 22.2572, 9.5701,
87.0611

Harmonies

Analogous

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



44.8464, 44.7927, 106.7899



52.8673, 44.7927, 92.2457



58.5659, 44.7927, 66.9572

Triad

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



52.8673, 44.7927, 92.2457



48.5237, 44.7927, 18.1740



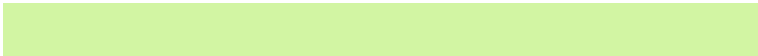
29.0710, 44.7927, 55.4504

Complementary

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



52.8673, 44.7927, 92.2457



65.8430, 81.6519, 46.9423

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.



29.7957, 44.7927, 34.2186



52.8673, 44.7927, 92.2457



40.3799, 44.7927, 16.8338

Square

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



52.8673, 44.7927, 92.2457



55.8471, 44.7927, 26.1966



33.7120, 44.7927, 21.6908



31.5907, 44.7927, 81.5928

Rectangle

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



52.8673, 44.7927, 92.2457



59.9156, 44.7927, 50.0700



33.7120, 44.7927, 21.6908



28.9502, 44.7927, 47.4959

Sweetspot

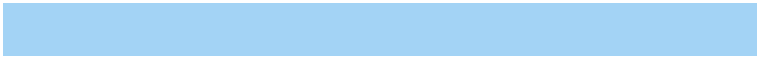
The Sweet Spot groups the original color and five complimentary colors.



52.8688, 44.7945, 92.2467



82.2736, 82.1283, 106.1238



54.8401, 60.8864, 95.2489



17.2505, 17.0808, 22.6377



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.



52.8688, 44.7945, 92.2467



52.3460, 41.8103, 99.9190



64.8958, 50.9946, 92.8096



16.2518, 16.2724, 20.8269



12.1412, 5.2333, 46.9082



1.1821, 0.5192, 4.1282

Inverse Universe

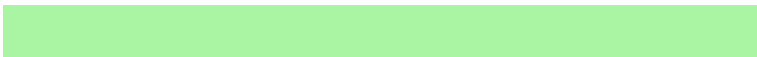
The Inverse Universe completely reimagines the original color for something new.



62.3876, 50.2617, 67.3877



64.4473, 48.7689, 67.9498



55.8063, 76.4778, 46.4726



16.8972, 16.6417, 19.2054



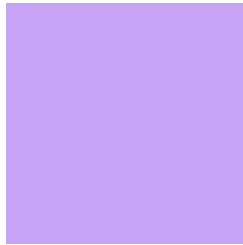
22.9240, 11.5131, 14.8403



2.0662, 1.0324, 1.5749

Previews

White Background



This preview shows how the XYZ color 52.8673, 44.7927, 92.2457 looks on a white background.

Color Contrast Check

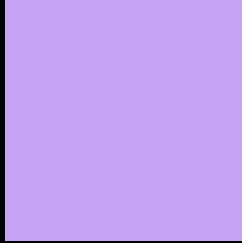
Large Text (above 18pt) WCAG AA × Fail

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 52.8673, 44.7927, 92.2457 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 52.8673, 44.7927, 92.2457

Background



This preview shows how black text looks on a background with the XYZ color 52.8673, 44.7927, 92.2457.



This preview shows how white text looks on a background with the XYZ color 52.8673, 44.7927,

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

52.8673, 44.7927, 92.2457

Protanopia

46.9018, 45.1407, 100.8488

Deuteranopia

46.0496, 44.9351, 90.2507



Tritanopia

44.9522, 44.5943, 53.8153

Trichromacy



Original Color

52.8673, 44.7927, 92.2457

Protanomaly

48.5531, 44.6369, 97.3235

Deuteranomaly

48.1961, 44.5956, 90.8616

Tritanomaly

47.6216, 44.5594, 66.4125

Monochromacy



Original Color

52.8673, 44.7927, 92.2457

Achromatopsia

45.0092, 47.3531, 51.5676

Achromatomaly

47.4050, 46.1983, 64.8112

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.8673, 44.7927, 92.2457 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(198, 163, 245)` looks like.

```
.text, #text, p{  
    color:rgb(198, 163, 245)  
}
```

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(198, 163, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 163, 245) }
```

Border

The CSS property to change the border of an element to XYZ 52.8673, 44.7927, 92.2457 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(198, 163, 245) }
```


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

```
.border{ border-color:rgb(198, 163, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 163, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 163, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 163, 245);  
box-shadow:4px 4px 4px 4px rgb(198, 163,  
245) }
```

Background

The CSS property to change the background color of an element to XYZ 52.8673, 44.7927, 92.2457 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 163, 245) }
```

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

```
.background{ background-color: rgb(198,  
163, 245) }
```

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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