

Converting Colors

XYZ(55.0619, 42.7144, 87.5146)

Have a look what the booklet for
XYZ(55.0619, 42.7144, 87.5146)
contains.

| | |
|--|----|
| XYZ(55.2498, 42.8557, 87.7981) | 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(55.2498, 42.8557,
87.7981)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | D996F0 |
| RGB | 217, 150, 240 |
| RGB Percent | 85%, 59%, 94% |
| CMY | 0.1490, 0.4117, 0.0588 |
| CMYK | 0.10, 0.37, 0.00, 0.06 |
| HSL | 285°, 75%, 76% |
| HSV | 285°, 37%, 94% |
| XYZ | 55.2498, 42.8557, 87.7981 |
| YIQ | 180.2930, 11.0420, 42.1940 |

Conversions

Conversions Part 2

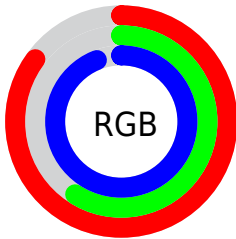
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 217, 150, 240 |
| Decimal | 14259952 |
| CIE Lab | 71.46, 40.32, -35.37 |
| CIE LCh | 71, 53.630, 318.743 |
| Yxy | 42.8557, 0.2972, 0.2305 |
| Android (android.graphics.Color) | 4292450032 (0xFFD996F0) |
| YUV | 180.2930, 29.4356, 32.1920 |
| Hunter-Lab | 65.4643, 36.0860, -33.6924 |

Details

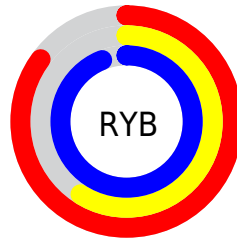
The XYZ color **55.2498, 42.8557, 87.7981** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **53.9001, 73.4075, 40.1844**, and the grayscale version is **43.3837, 45.6430, 49.7053**.

A 20% lighter version of the original color is **81.1213, 72.1426, 104.2571**, and **27.7174, 19.7731, 47.7031** is the 20% darker color. If you saturate the color by 10%, you get **50.0161, 35.0437, 86.5667**, and if you desaturate by 10%, it is **61.3384, 52.2747, 89.2959**.

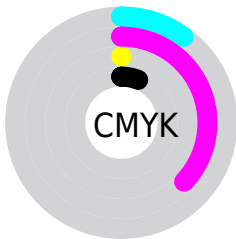
Distribution



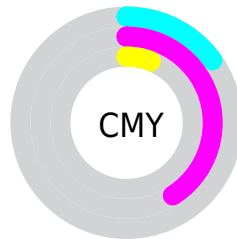
- Red (85%)
- Green (59%)
- Blue (94%)



- Red (85%)
- Yellow (59%)
- Blue (94%)



- Cyan (10%)
- Magenta (37%)
- Yellow (0%)
- Black (6%)





- Cyan (15%)
- Magenta (41%)
- Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 55.2498, 42.8557, 87.7981 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 55.2498, 42.8557, 87.7981 by changing the saturation by 10% instead.


 55.2498, 42.8557,
87.7981


 55.2498, 42.8557,
87.7981


396.9792,
358.0180, 541.2260

 39.8364, 29.7719,
65.5925

 97.0530, 79.4931,
146.1847

 27.5946, 19.6655,
47.4873

 124.1736,
103.8154, 183.2028

 18.1592, 12.1521,
33.0639


155.9272,
132.6528, 225.9954

 11.1647, 6.8474,
21.9039

192.6793,
166.3895, 274.9812

 6.2459, 3.3668,
13.5887

234.7952,
205.4100, 330.5785

 3.0372, 1.3261,
7.6997

282.6402,

 1.1735, 0.1613,

250.0986, 393.2061

3.8184

336.5798,
300.8398, 463.2824

■ 0.0853, 0.0000,
1.5262

■ 0.0000, 0.0000,
0.2374

■ 55.2498, 42.8557,
87.7981

■ 55.2498, 42.8557,
87.7981

■ 50.0161, 35.0437,
86.5667

■ 61.3384, 52.2747,
89.2959

■ 45.5840, 28.7365,
85.5829

■ 68.3224, 63.3839,
91.0721

■ 41.9007, 23.8285,
84.8297

■ 76.2447, 76.2672,
93.1413

■ 38.9048, 20.1978,
84.2868

■ 85.1442, 91.0010,
95.5161

■ 36.5240, 17.7012,
83.9304

■ 90.0823, 97.7073,
96.5503

■ 34.6629, 16.1492,
83.7289

■ 92.2889, 98.8448,
96.6536

■ 34.2420, 15.8355,
83.6906

■ 92.7283, 99.0713,
96.6741

Harmonies

Analogous

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



46.5784, 42.8557, 111.4739



55.2498, 42.8557, 87.7981



60.2731, 42.8557, 57.0725

Triad

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



55.2498, 42.8557, 87.7981



44.2220, 42.8557, 12.8844



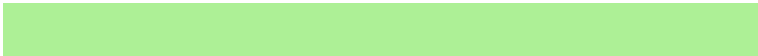
26.3884, 42.8557, 64.5587

Complementary

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



55.2498, 42.8557, 87.7981



53.9001, 73.4075, 40.1844

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.



25.9511, 42.8557, 37.6023



55.2498, 42.8557, 87.7981



35.3984, 42.8557, 13.6110

Square

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



55.2498, 42.8557, 87.7981



53.3065, 42.8557, 18.3491



29.0118, 42.8557, 20.9283



30.3107, 42.8557, 94.9912

Rectangle

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



55.2498, 42.8557, 87.7981



60.4453, 42.8557, 39.4965



29.0118, 42.8557, 20.9283



25.8531, 42.8557, 54.6469

Sweetspot

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



55.2513, 42.8575, 87.7990



84.1572, 82.0565, 106.0107



43.4436, 43.0493, 88.4584



17.7459, 17.1284, 22.6207



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.



55.2513, 42.8575, 87.7990



58.7269, 42.1656, 99.6513



59.6290, 45.4542, 72.6498



16.0370, 15.8163, 19.9292



18.8740, 8.7353, 45.8192



1.6615, 0.7738, 3.8160

Inverse Universe

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



54.3857, 43.3569, 45.0393



57.8702, 42.9755, 43.0647



51.0899, 71.7456, 49.6855



15.9385, 15.8251, 17.2326



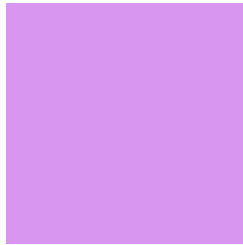
20.1829, 10.3456, 3.6140



1.7181, 0.8763, 0.5061

Previews

White Background



This preview shows how the XYZ color 55.2498, 42.8557, 87.7981 looks on a white background.

Color Contrast Check

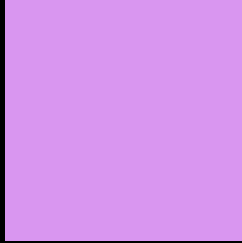
Large Text (above 18pt) WCAG AA × Fail

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 55.2498, 42.8557, 87.7981 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

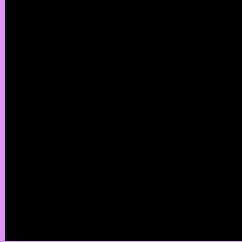
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.2498, 42.8557, 87.7981

Background



This preview shows how black text looks on a background with the XYZ color 55.2498, 42.8557, 87.7981.

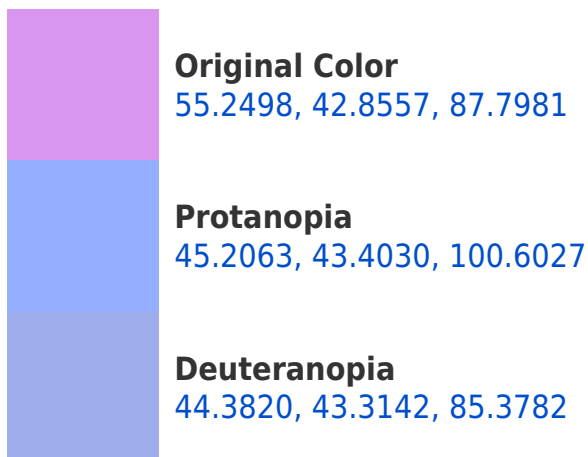


This preview shows how white text looks on a background with the XYZ color 55.2498, 42.8557,

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





Tritanopia

46.9461, 42.7389, 46.8494

Trichromacy



Original Color

55.2498, 42.8557, 87.7981



Protanomaly

47.9440, 42.6966, 96.1568



Deuteranomaly

47.5636, 42.7280, 85.8612



Tritanomaly

49.3996, 42.4261, 59.6182

Monochromacy



Original Color

55.2498, 42.8557, 87.7981



Achromatopsia

43.3819, 45.6411, 49.7032



Achromatomaly

46.8410, 43.9777, 61.8969

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.2498, 42.8557, 87.7981 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(217, 150, 240)` looks like.

```
.text, #text, p{  
    color:rgb(217, 150, 240)  
}
```

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(217, 150, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 150, 240) }
```

Border

The CSS property to change the border of an element to XYZ 55.2498, 42.8557, 87.7981 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(217, 150, 240) }
```


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

```
.border{ border-color:rgb(217, 150, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 150, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 150, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 150, 240);  
box-shadow:4px 4px 4px 4px rgb(217, 150,  
240) }
```

Background

The CSS property to change the background color of an element to XYZ 55.2498, 42.8557, 87.7981 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 150, 240) }
```

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

```
.background{ background-color: rgb(217,  
150, 240) }
```

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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