

Converting Colors

XYZ(55.8522, 42.0074, 93.9754)

Have a look what the booklet for
XYZ(55.8522, 42.0074, 93.9754)
contains.

XYZ(55.8374, 42.0868, 93.9875)	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(55.8374, 42.0868,
93.9875)**

Conversions

Conversions Part 1

Format	Color
Hex	D992F8
RGB	217, 146, 248
RGB Percent	85%, 57%, 97%
CMY	0.1490, 0.4274, 0.0274
CMYK	0.12, 0.41, 0.00, 0.03
HSL	282°, 88%, 77%
HSV	282°, 41%, 97%
XYZ	55.8374, 42.0868, 93.9875
YIQ	178.8570, 9.5740, 46.7740

Conversions

Conversions Part 2

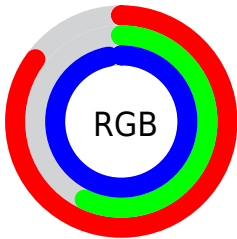
Format	Color
R _Y B	217, 146, 248
Decimal	14258936
CIE Lab	70.93, 44.06, -40.55
CIE LCh	71, 59.878, 317.376
Yxy	42.0868, 0.2910, 0.2193
Android (android.graphics.Color)	4292449016 (0xFFD992F8)
YUV	178.8570, 34.0875, 33.4514
Hunter-Lab	64.8743, 40.1050, -40.4851

Details

The XYZ color **55.8374, 42.0868, 93.9875** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **56.8885, 78.5582, 39.3609**, and the grayscale version is **42.5937, 44.8119, 48.8002**.

A 20% lighter version of the original color is **80.1766, 70.2533, 103.9422**, and **27.9039, 19.2406, 51.5333** is the 20% darker color. If you saturate the color by 10%, you get **50.2319, 34.1251, 92.7468**, and if you desaturate by 10%, it is **62.3773, 51.7630, 95.5112**.

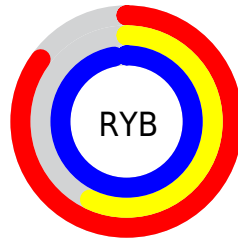
Distribution



Red (85%)

Green (57%)

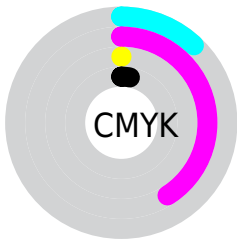
Blue (97%)



Red (85%)

Yellow (57%)

Blue (97%)

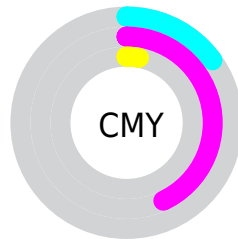


Cyan (12%)

Magenta (41%)

Yellow (0%)

Black (3%)



Cyan (15%)


Magenta (43%)


Yellow (3%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 55.8374, 42.0868, 93.9875 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 55.8374, 42.0868, 93.9875 by changing the saturation by 10% instead.


 55.8374, 42.0868,
93.9875


 55.8374, 42.0868,
93.9875


399.1634,
354.8426, 561.8198

 40.3091, 29.1693,
70.7003

 97.9080, 78.3310,
154.8486

 27.9649, 19.2089,
51.6174

 125.1809,
102.4264, 193.2596

 18.4395, 11.8213,
36.3200

157.0995,
131.0166, 237.5489

 11.3676, 6.6221,
24.3898

194.0290,
164.4859, 288.1351

 6.3838, 3.2269,
15.4082

236.3348,
203.2188, 345.4368

 3.1227, 1.2513,
8.9566

284.3822,

 1.2190, 0.1030,

247.5996, 409.8724

4.6164

338.5366,
298.0128, 481.8606

■ 0.1213, 0.0000,
1.9692

■ 0.0000, 0.0000,
0.5363

■ 55.8374, 42.0868,
93.9875

■ 55.8374, 42.0868,
93.9875

■ 50.2319, 34.1251,
92.7468

■ 62.3773, 51.7630,
95.5112

■ 45.5008, 27.7635,
91.7683

■ 69.8978, 63.2477,
97.3316

■ 41.5837, 22.8821,
91.0325

■ 78.4472, 76.6342,
99.4648

■ 38.4097, 19.3411,
90.5163

■ 88.0689, 92.0078,
101.9251

■ 35.8939, 16.9727,
90.1918

■ 93.8288, 99.4983,
103.0673

■ 34.0949, 15.6193,
90.0254

■ 93.9434, 99.5574,
103.0727

Harmonies

Analogous

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



46.0070, 42.0868, 120.7663



55.8374, 42.0868, 93.9875



61.7858, 42.0868, 58.9074

Triad

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



55.8374, 42.0868, 93.9875



44.3416, 42.0868, 10.4093



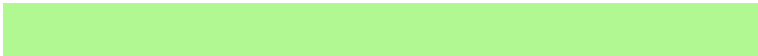
24.3494, 42.0868, 64.2621

Complementary

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



55.8374, 42.0868, 93.9875



56.8885, 78.5582, 39.3609

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.



24.0550, 42.0868, 34.8394



55.8374, 42.0868, 93.9875



34.5441, 42.0868, 10.8543

Square

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



55.8374, 42.0868, 93.9875



54.4449, 42.0868, 16.1284



27.4855, 42.0868, 17.7874



28.3703, 42.0868, 99.2817

Rectangle

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



55.8374, 42.0868, 93.9875



62.1942, 42.0868, 39.1300



27.4855, 42.0868, 17.7874



23.8385, 42.0868, 53.2440

Sweetspot

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



55.8389, 42.0886, 93.9884



82.7142, 80.2852, 105.7448



44.7791, 44.8504, 95.1044



17.4384, 16.7649, 22.5668



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.



55.8389, 42.0886, 93.9884



54.6621, 37.9541, 99.0526



63.1762, 46.1898, 79.9354



17.4495, 17.2444, 21.7941



18.5672, 8.5144, 48.6384



1.8273, 0.8441, 4.5098

Inverse Universe

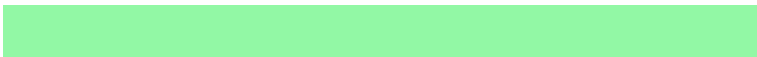
The Inverse Universe completely reimagines the original color for something new.



56.9274, 43.6902, 47.0293



56.2995, 40.0666, 41.8242



52.1871, 75.9525, 47.3659



17.4617, 17.3121, 19.0213



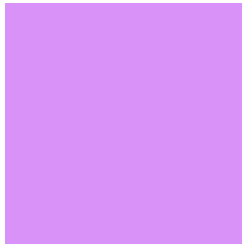
21.6592, 11.0794, 4.9138



2.0510, 1.0441, 0.6918

Previews

White Background



This preview shows how the XYZ color 55.8374, 42.0868, 93.9875 looks on a white background.

Color Contrast Check

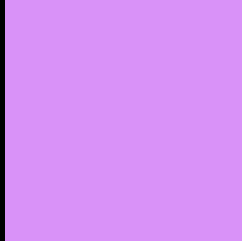
Large Text (above 18pt) WCAG AA × Fail

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 55.8374, 42.0868, 93.9875 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

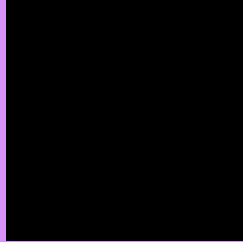
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.8374, 42.0868, 93.9875

Background



This preview shows how black text looks on a background with the XYZ color 55.8374, 42.0868, 93.9875.



This preview shows how white text looks on a background with the XYZ color 55.8374, 42.0868,

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

55.8374, 42.0868, 93.9875

Protanopia

44.2900, 42.3656, 100.4508

Deuteranopia

43.5079, 42.4601, 90.6965



Tritanopia

46.1118, 42.0576, 46.2450

Trichromacy



Original Color

55.8374, 42.0868, 93.9875



Protanomaly

47.2856, 41.5269, 97.6187



Deuteranomaly

47.0342, 41.7856, 91.9727



Tritanomaly

49.1275, 41.7428, 61.3450

Monochromacy



Original Color

55.8374, 42.0868, 93.9875



Achromatopsia

42.8472, 45.0786, 49.0906



Achromatomaly

46.7101, 43.3345, 63.0293

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.8374, 42.0868, 93.9875 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, 146, 248)` looks like.

```
.text, #text, p{  
    color:rgb(217, 146, 248)  
}
```

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, 146, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 146, 248) }
```

Border

The CSS property to change the border of an element to XYZ 55.8374, 42.0868, 93.9875 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, 146, 248) }
```


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

```
.border{ border-color:rgb(217, 146, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 146, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 146, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 146, 248);  
box-shadow:4px 4px 4px 4px rgb(217, 146,  
248) }
```

Background

The CSS property to change the background color of an element to XYZ 55.8374, 42.0868, 93.9875 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 146, 248) }
```

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

```
.background{ background-color: rgb(217,  
146, 248) }
```

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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