

Converting Colors

XYZ(58.3530, 55.6412, 74.6364)

Have a look what the booklet for
XYZ(58.3530, 55.6412, 74.6364)
contains.

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Color

**XYZ(58.4244, 55.6558,
74.6812)**

Conversions

Conversions Part 1

Format	Color
Hex	D5BDDB
RGB	213, 189, 219
RGB Percent	84%, 74%, 86%
CMY	0.1647, 0.2588, 0.1412
CMYK	0.03, 0.14, 0.00, 0.14
HSL	288°, 29%, 80%
HSV	288°, 14%, 86%
XYZ	58.4244, 55.6558, 74.6812
YIQ	199.5960, 4.6740, 14.4180

Conversions

Conversions Part 2

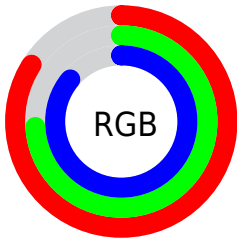
Format	Color
R _Y B	213, 189, 219
Decimal	14007771
CIE Lab	79.42, 13.85, -11.87
CIE LCh	79, 18.236, 319.407
Yxy	55.6558, 0.3095, 0.2948
Android (android.graphics.Color)	4292197851 (0xFFD5BDD5)
YUV	199.5960, 9.5662, 11.7553
Hunter-Lab	74.6028, 9.2354, -7.1303

Details

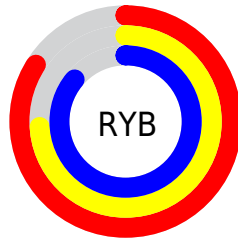
The XYZ color **58.4244, 55.6558, 74.6812** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **57.0245, 65.9407, 57.8692**, and the grayscale version is **54.5939, 57.4370, 62.5489**.

A 20% lighter version of the original color is **91.9424, 93.7848, 107.8641**, and **29.6056, 27.5578, 38.8808** is the 20% darker color. If you saturate the color by 10%, you get **52.8118, 46.2905, 73.1702**, and if you desaturate by 10%, it is **64.7859, 66.4662, 76.4334**.

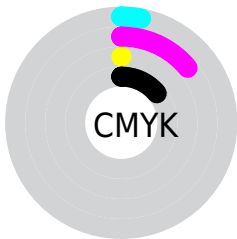
Distribution



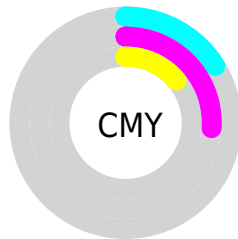
- Red (84%)
- Green (74%)
- Blue (86%)



- Red (84%)
- Yellow (74%)
- Blue (86%)



- Cyan (3%)
- Magenta (14%)
- Yellow (0%)
- Black (14%)



- Cyan (16%)
- Magenta (26%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.4244, 55.6558, 74.6812 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 58.4244, 55.6558, 74.6812 by changing the saturation by 10% instead.

■ 58.4244, 55.6558,
74.6812

■ 58.4244, 55.6558,
74.6812

408.6939,
408.3931, 496.0472

■ 42.3945, 39.9270,
54.8516

■ 101.6600, 98.5011,
127.6039

■ 29.6028, 27.4816,
38.8851

129.5965,
126.3865, 161.5341

■ 19.6839, 17.9353,
26.3632

162.2326,
159.0928, 201.0016

■ 12.2724, 10.9035,
16.8674

199.9336,
197.0045, 246.4249

■ 7.0030, 6.0020,
9.9790

243.0648,
240.5060, 298.2226

■ 3.5103, 2.8463,
5.2796

291.9917,

■ 1.4290, 1.0520,

289.9817, 356.8132

2.3507

347.0796,
345.8159, 422.6152

■ 0.2768, 0.0000,
0.7594

■ 0.0000, 0.0000,
0.0000

■ 58.4244, 55.6558,
74.6812

■ 58.4244, 55.6558,
74.6812

■ 52.8118, 46.2905,
73.1702

■ 64.7859, 66.4662,
76.4334

■ 47.9111, 38.2994,
71.8860

■ 71.9215, 78.7741,
78.4329

■ 43.6895, 31.6164,
70.8186

■ 79.8610, 92.6383,
80.6906

■ 40.1096, 26.1669,
69.9554

■ 81.3474, 93.5441,
80.7870

37.1301, 21.8690,
69.2829

82.7751, 94.2801,
80.8539

34.7048, 18.6305,
68.7856

84.2385, 95.0345,
80.9223

32.7802, 16.3450,
68.4459

85.7377, 95.8074,
80.9925

31.2918, 14.8837,
68.2423

87.2730, 96.5989,
81.0644

30.5104, 14.2516,
68.1615

88.8447, 97.4091,
81.1379

Harmonies

Analogous

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



55.2719, 55.6558, 81.6638



58.4244, 55.6558, 74.6812



60.1218, 55.6558, 64.3804

Triad

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



58.4244, 55.6558, 74.6812



54.2033, 55.6558, 42.8706



46.5360, 55.6558, 67.5455

Complementary

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



58.4244, 55.6558, 74.6812



57.0245, 65.9407, 57.8692

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.



46.2795, 55.6558, 56.9700



58.4244, 55.6558, 74.6812



50.5953, 55.6558, 43.5102

Square

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



58.4244, 55.6558, 74.6812



57.6112, 55.6558, 46.5488



47.7338, 55.6558, 48.4098



48.4513, 55.6558, 77.2268

Rectangle

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



58.4244, 55.6558, 74.6812



60.1493, 55.6558, 57.3652



47.7338, 55.6558, 48.4098



46.2563, 55.6558, 63.9536

Sweetspot

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



58.4261, 55.6582, 74.6824



91.1354, 93.2790, 107.8090



53.4020, 55.1904, 74.8569



19.3534, 19.7033, 23.0330



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.



58.4261, 55.6582, 74.6824



80.4485, 75.1595, 104.8749



59.1080, 56.1357, 69.0213



13.3460, 13.1365, 16.4843



18.1822, 8.4974, 40.4203



1.2441, 0.5846, 2.6217

Inverse Universe

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



57.2632, 55.3978, 59.3071



78.5704, 74.7477, 79.6473



56.4552, 65.5375, 62.8010



13.1620, 13.0939, 14.1143



17.6208, 9.0494, 2.3834



1.1725, 0.5986, 0.3174

Previews

White Background



This preview shows how the XYZ color 58.4244, 55.6558, 74.6812 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 58.4244, 55.6558, 74.6812 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

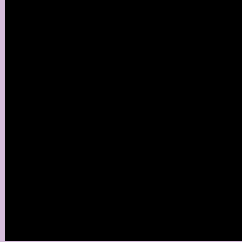
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.4244, 55.6558, 74.6812

Background



This preview shows how black text looks on a background with the XYZ color 58.4244, 55.6558, 74.6812.



This preview shows how white text looks on a background with the XYZ color 58.4244, 55.6558,

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

58.4244, 55.6558, 74.6812

Protanopia

54.8267, 55.6954, 77.6726

Deuteranopia

57.0894, 55.9356, 74.8055



Tritanopia

56.6353, 55.5667, 66.1330

Trichromacy



Original Color

58.4244, 55.6558, 74.6812

Protanomaly

56.0742, 55.6932, 76.9017

Deuteranomaly

57.7115, 55.9314, 74.7719

Tritanomaly

57.3227, 55.5271, 69.3246

Monochromacy



Original Color

58.4244, 55.6558, 74.6812

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

56.1793, 56.9640, 67.0657

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.4244, 55.6558, 74.6812 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(213, 189, 219)` looks like.

```
.text, #text, p{  
    color:rgb(213, 189, 219)  
}
```

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(213, 189, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 189, 219) }
```

Border

The CSS property to change the border of an element to XYZ 58.4244, 55.6558, 74.6812 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(213, 189, 219) }
```


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

```
.border{ border-color:rgb(213, 189, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 189, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 189, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 189, 219);  
box-shadow:4px 4px 4px 4px rgb(213, 189,  
219) }
```

Background

The CSS property to change the background color of an element to XYZ 58.4244, 55.6558, 74.6812 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 189, 219) }
```

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

```
.background{ background-color: rgb(213,  
189, 219) }
```

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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