

Converting Colors

XYZ(59.6851, 55.3839, 76.4970)

Have a look what the booklet for
XYZ(59.6851, 55.3839, 76.4970)
contains.

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Color

**XYZ(59.6572, 55.2972,
76.6364)**

Conversions

Conversions Part 1

Format	Color
Hex	DABADE
RGB	218, 186, 222
RGB Percent	85%, 73%, 87%
CMY	0.1451, 0.2706, 0.1294
CMYK	0.02, 0.16, 0.00, 0.13
HSL	293°, 35%, 80%
HSV	293°, 16%, 87%
XYZ	59.6572, 55.2972, 76.6364
YIQ	199.6720, 7.5160, 17.9800

Conversions

Conversions Part 2

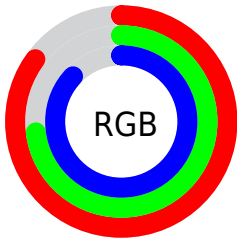
Format	Color
R _Y B	218, 186, 222
Decimal	14334686
CIE Lab	79.21, 17.70, -13.75
CIE LCh	79, 22.413, 322.170
Yxy	55.2972, 0.3114, 0.2886
Android (android.graphics.Color)	4292524766 (0xFFDABADE)
YUV	199.6720, 11.0077, 16.0737
Hunter-Lab	74.3621, 13.0685, -9.0499

Details

The XYZ color **59.6572, 55.2972, 76.6364** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **56.2214, 66.7363, 56.3754**, and the grayscale version is **54.6307, 57.4758, 62.5911**.

A 20% lighter version of the original color is **91.0421, 91.9843, 107.5640**, and **30.4668, 27.3516, 40.2328** is the 20% darker color. If you saturate the color by 10%, you get **54.6072, 46.2833, 75.1635**, and if you desaturate by 10%, it is **65.4480, 65.7747, 78.3544**.

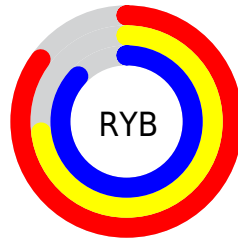
Distribution



Red (85%)

Green (73%)

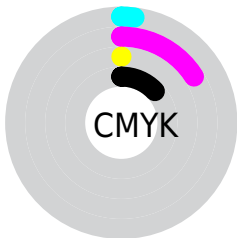
Blue (87%)



Red (85%)

Yellow (73%)

Blue (87%)

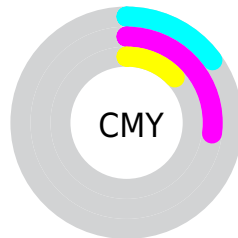


Cyan (2%)

Magenta (16%)

Yellow (0%)

Black (13%)



Cyan (15%)

Magenta (27%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.6572, 55.2972, 76.6364 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 59.6572, 55.2972, 76.6364 by changing the saturation by 10% instead.

■ 59.6572, 55.2972,
76.6364

■ 59.6572, 55.2972,
76.6364

413.1881,
407.0375, 502.9281

■ 43.3908, 39.6397,
56.4447

■ 103.4414, 97.9763,
130.3944

■ 30.3877, 27.2578,
40.1532

131.6899,
125.7666, 164.7978

■ 20.2826, 17.7669,
27.3433

164.6632,
158.3701, 204.7756

■ 12.7101, 10.7828,
17.5965

202.7265,
196.1710, 250.7462

■ 7.3048, 5.9210,
10.4943

246.2453,
239.5539, 303.1282

■ 3.7015, 2.7971,
5.6180

295.5850,

■ 1.5347, 1.0267,

288.9030, 362.3402

2.5492

351.1108,
344.6027, 428.8006

■ 0.3492, 0.0000,
0.8661

■ 0.0000, 0.0000,
0.0000

■ 59.6572, 55.2972,
76.6364

■ 59.6572, 55.2972,
76.6364

■ 54.6072, 46.2833,
75.1635

■ 65.4480, 65.7747,
78.3544

■ 50.2597, 38.6589,
73.9210

■ 72.0061, 77.7711,
80.3243

■ 46.5800, 32.3543,
72.8980

■ 79.3625, 91.3478,
82.5571

■ 43.5290, 27.2907,
72.0815

■ 80.8981, 93.2664,
82.8465

41.0629, 23.3811,
71.4568

81.6857, 93.6725,
82.8834

39.1327, 20.5272,
71.0077

82.4845, 94.0843,
82.9208

37.6809, 18.6142,
70.7150

83.2946, 94.5019,
82.9587

36.6357, 17.4987,
70.5547

84.1160, 94.9253,
82.9971

36.2986, 17.1895,
70.5128

84.9487, 95.3546,
83.0361

Harmonies

Analogous

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



55.8752, 55.2972, 86.0566



59.6572, 55.2972, 76.6364



61.5589, 55.2972, 63.6318

Triad

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



59.6572, 55.2972, 76.6364



53.7402, 55.2972, 38.9334



44.9805, 55.2972, 70.0031

Complementary

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



59.6572, 55.2972, 76.6364



56.2214, 66.7363, 56.3754

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.



44.4808, 55.2972, 56.9117



59.6572, 55.2972, 76.6364



49.3754, 55.2972, 40.1371

Square

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



59.6572, 55.2972, 76.6364



58.0185, 55.2972, 42.7559



46.0462, 55.2972, 46.3152



47.4519, 55.2972, 81.8636

Rectangle

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



59.6572, 55.2972, 76.6364



61.4332, 55.2972, 55.1585



46.0462, 55.2972, 46.3152



44.5822, 55.2972, 65.5593

Sweetspot

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



59.6589, 55.2996, 76.6376



90.5973, 91.8655, 107.5646



51.8937, 52.6293, 76.5315



19.2622, 19.4275, 22.9846



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.



59.6589, 55.2996, 76.6376



79.5411, 71.8811, 104.2899



59.0946, 55.2138, 67.3480



14.1372, 13.8543, 17.3167



21.6194, 10.2405, 41.8855



1.5419, 0.7322, 2.9053

Inverse Universe

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



56.9793, 54.3676, 56.2087



75.3192, 70.4180, 71.8656



56.7749, 66.8439, 64.4331



13.7688, 13.7252, 14.5529



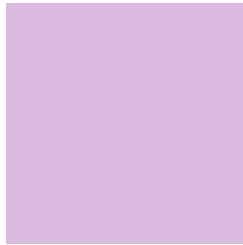
18.0155, 9.2732, 1.4814



1.2697, 0.6512, 0.2134

Previews

White Background



This preview shows how the XYZ color 59.6572, 55.2972, 76.6364 looks on a white background.

Color Contrast Check

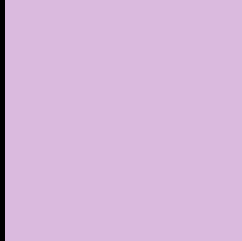
Large Text (above 18pt) WCAG AA × Fail

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 59.6572, 55.2972, 76.6364 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

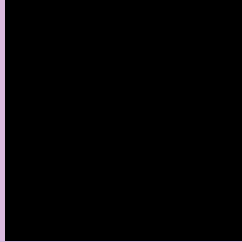
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.6572, 55.2972, 76.6364

Background



This preview shows how black text looks on a background with the XYZ color 59.6572, 55.2972, 76.6364.



This preview shows how white text looks on a background with the XYZ color 59.6572, 55.2972,

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

59.6572, 55.2972, 76.6364

Protanopia

54.7539, 55.5788, 81.2407

Deuteranopia

56.5838, 55.3194, 76.1020



Tritanopia

57.1210, 55.2019, 64.7712

Trichromacy



Original Color

59.6572, 55.2972, 76.6364

Protanomaly

56.3965, 55.4696, 79.6858

Deuteranomaly

57.5432, 55.1710, 76.0228

Tritanomaly

58.0600, 55.2685, 69.2358

Monochromacy



Original Color

59.6572, 55.2972, 76.6364

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

56.6324, 56.8497, 67.6627

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.6572, 55.2972, 76.6364 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(218, 186, 222)` looks like.

```
.text, #text, p{  
    color:rgb(218, 186, 222)  
}
```

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(218, 186, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 186, 222) }
```

Border

The CSS property to change the border of an element to XYZ 59.6572, 55.2972, 76.6364 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(218, 186, 222) }
```


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

```
.border{ border-color:rgb(218, 186, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 186, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(218, 186, 222); -webkit-box-shadow:4px 4px 4px 4px rgb(218, 186, 222); box-shadow:4px 4px 4px 4px rgb(218, 186, 222) }
```

Background

The CSS property to change the background color of an element to XYZ 59.6572, 55.2972, 76.6364 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 186, 222) }
```

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

```
.background{ background-color: rgb(218,  
186, 222) }
```

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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