

Converting Colors

XYZ(61.0435, 56.0512, 76.8070)

Have a look what the booklet for
XYZ(61.0435, 56.0512, 76.8070)
contains.

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Color

**XYZ(60.8679, 55.9213,
76.6931)**

Conversions

Conversions Part 1

Format	Color
Hex	DEBADE
RGB	222, 186, 222
RGB Percent	87%, 73%, 87%
CMY	0.1294, 0.2706, 0.1294
CMYK	0.00, 0.16, 0.00, 0.13
HSL	300°, 35%, 80%
HSV	300°, 16%, 87%
XYZ	60.8679, 55.9213, 76.6931
YIQ	200.8680, 9.9000, 18.8280

Conversions

Conversions Part 2

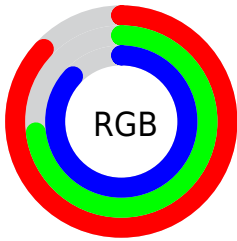
Format	Color
R _Y B	222, 186, 222
Decimal	14596830
CIE Lab	79.57, 19.04, -13.17
CIE LCh	80, 23.154, 325.320
Yxy	55.9213, 0.3146, 0.2890
Android (android.graphics.Color)	4292786910 (0xFFDEBADE)
YUV	200.8680, 10.4181, 18.5328
Hunter-Lab	74.7805, 14.4248, -8.4600

Details

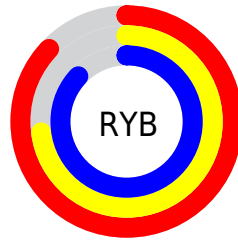
The XYZ color **60.8679, 55.9213, 76.6931** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **55.2360, 66.2284, 56.3294**, and the grayscale version is **55.3702, 58.2538, 63.4384**.

A 20% lighter version of the original color is **91.0421, 91.9843, 107.5640**, and **31.2989, 27.7806, 40.2718** is the 20% darker color. If you saturate the color by 10%, you get **56.5502, 47.2849, 75.2544**, and if you desaturate by 10%, it is **65.9156, 66.0157, 78.3764**.

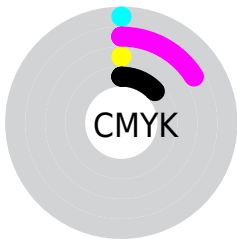
Distribution



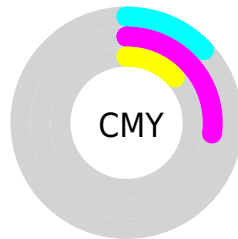
- Red (87%)
- Green (73%)
- Blue (87%)



- Red (87%)
- Yellow (73%)
- Blue (87%)



- Cyan (0%)
- Magenta (16%)
- Yellow (0%)
- Black (13%)





- Cyan (13%)
- Magenta (27%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.8679, 55.9213, 76.6931 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 60.8679, 55.9213, 76.6931 by changing the saturation by 10% instead.


 60.8679, 55.9213,
76.6931

 60.8679, 55.9213,
76.6931


417.5731,
409.3948, 503.1269

 44.3707, 40.1398,
56.4910


 105.1868, 98.8895,
130.4752

 31.1612, 27.6476,
40.1901


133.7393,
126.8450, 164.8923

 20.8741, 18.0602,
27.3719


167.0409,
159.6273, 204.8848

 13.1439, 10.9932,
17.6178

205.4569,
197.6209, 250.8711

 7.6054, 6.0623,
10.5093

249.3528,
241.2100, 303.2700

 3.8932, 2.8830,
5.6280

299.0939,

 1.6419, 1.0709,

290.7791, 362.4999

2.5551

355.0456,
346.7126, 428.9793

■ 0.4195, 0.0000,
0.8691

■ 0.0000, 0.0000,
0.0000

■ 60.8679, 55.9213,
76.6931

■ 60.8679, 55.9213,
76.6931

■ 56.5502, 47.2849,
75.2544

■ 65.9156, 66.0157,
78.3764

■ 52.9239, 40.0324,
74.0456


■ 71.7194, 77.6233,
80.3110


■ 49.9547, 34.0940,
73.0558

■ 78.3105, 90.8055,
82.5081


■ 47.6032, 29.3910,
72.2719


■ 79.0697, 92.3238,
82.7612


 45.8259, 25.8365,
71.6794

 79.0697, 92.3238,
82.7613


 44.5737, 23.3322,
71.2620


 79.0697, 92.3238,
82.7614


 43.7892, 21.7632,
71.0004

 79.0697, 92.3238,
82.7614

 43.4007, 20.9862,
70.8709

 79.0697, 92.3238,
82.7615

 43.3095, 20.8038,
70.8404

 79.0697, 92.3239,
82.7616

Harmonies

Analogous

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



57.0775, 55.9213, 87.1637



60.8679, 55.9213, 76.6931



62.5942, 55.9213, 63.0073

Triad

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



60.8679, 55.9213, 76.6931



53.8862, 55.9213, 38.7214



45.4544, 55.9213, 72.5395

Complementary

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



60.8679, 55.9213, 76.6931



55.2360, 66.2284, 56.3294

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.



44.7097, 55.9213, 58.8183



60.8679, 55.9213, 76.6931



49.4098, 55.9213, 40.5084

Square

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



60.8679, 55.9213, 76.6931



58.4161, 55.9213, 42.1256



46.1165, 55.9213, 47.4201



48.2131, 55.9213, 84.5304

Rectangle

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



60.8679, 55.9213, 76.6931



62.2729, 55.9213, 54.3556



46.1165, 55.9213, 47.4201



44.9674, 55.9213, 67.9255

Sweetspot

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



60.8696, 55.9237, 76.6943



91.1166, 92.1332, 107.5888



50.9959, 50.8336, 76.2323



19.3889, 19.4928, 22.9905



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.



60.8696, 55.9237, 76.6943



81.4939, 72.8879, 104.3811



58.5841, 55.0095, 64.6589



14.2951, 13.9357, 17.3241



25.7246, 12.3569, 42.0773



1.7831, 0.8565, 2.9166

Inverse Universe

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



60.8696, 55.9237, 76.6943



81.4939, 72.8879, 104.3811



57.2720, 67.0428, 67.0508



14.2951, 13.9357, 17.3241



25.7246, 12.3569, 42.0773



1.7831, 0.8565, 2.9166

Previews

White Background



This preview shows how the XYZ color 60.8679, 55.9213, 76.6931 looks on a white background.

Color Contrast Check

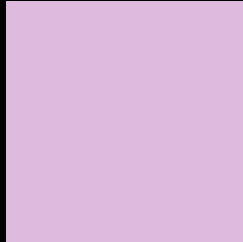
Large Text (above 18pt) WCAG AA × Fail

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 60.8679, 55.9213, 76.6931 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

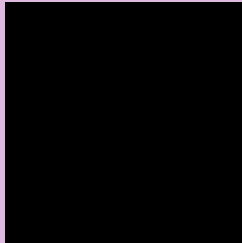
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.8679, 55.9213, 76.6931

Background



This preview shows how black text looks on a background with the XYZ color 60.8679, 55.9213, 76.6931.



This preview shows how white text looks on a background with the XYZ color 60.8679, 55.9213,

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

60.8679, 55.9213, 76.6931

Protanopia

55.2294, 56.1577, 81.3274

Deuteranopia

57.3544, 56.0415, 76.2008



Tritanopia

58.3101, 55.8149, 64.8268

Trichromacy



Original Color

60.8679, 55.9213, 76.6931

Protanomaly

56.9342, 55.7468, 79.7110

Deuteranomaly

58.6160, 56.0444, 76.1349

Tritanomaly

59.2563, 55.8852, 69.2918

Monochromacy



Original Color

60.8679, 55.9213, 76.6931

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

57.5430, 57.6386, 68.4141

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.8679, 55.9213, 76.6931 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(222, 186, 222)` looks like.

```
.text, #text, p{  
    color:rgb(222, 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(222, 186, 222) colored shadow looks like.

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

Border

The CSS property to change the border of an element to XYZ 60.8679, 55.9213, 76.6931 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(222, 186, 222) }
```


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

```
.border{ border-color:rgb(222, 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(222, 186, 222) colored shadow looks like.

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

Background

The CSS property to change the background color of an element to XYZ 60.8679, 55.9213, 76.6931 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

```
.background{ background-color: rgb(222,  
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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