

Converting Colors

XYZ(58.8996, 55.5365, 76.7225)

Have a look what the booklet for
XYZ(58.8996, 55.5365, 76.7225)
contains.

XYZ(58.8996, 55.5365, 76.7225)	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(58.8996, 55.5365,
76.7225)**

Conversions

Conversions Part 1

Format	Color
Hex	D6BCDE
RGB	214, 188, 222
RGB Percent	84%, 74%, 87%
CMY	0.1608, 0.2627, 0.1294
CMYK	0.04, 0.15, 0.00, 0.13
HSL	286°, 34%, 80%
HSV	286°, 15%, 87%
XYZ	58.8996, 55.5365, 76.7225
YIQ	199.6500, 4.5820, 16.0860

Conversions

Conversions Part 2

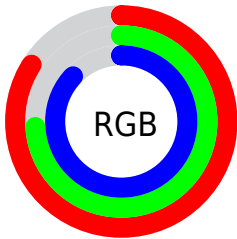
Format	Color
R_{YB}	214, 188, 222
Decimal	14073054
CIE _{Lab}	79.35, 15.29, -13.58
CIE _{LCh}	79, 20.449, 318.400
Yxy	55.5365, 0.3081, 0.2905
Android (android.graphics.Color)	4292263134 (0xFFD6BCDE)
YUV	199.6500, 11.0186, 12.5850
Hunter-Lab	74.5228, 10.6637, -8.8741

Details

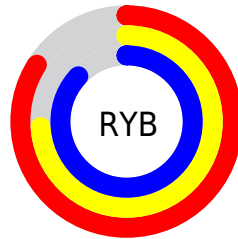
The XYZ color **58.8996, 55.5365, 76.7225** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **57.9653, 67.6106, 57.5747**, and the grayscale version is **54.6184, 57.4628, 62.5770**.

A 20% lighter version of the original color is **91.6407, 93.1814, 107.7636**, and **29.9371, 27.4889, 40.2872** is the 20% darker color. If you saturate the color by 10%, you get **53.0174, 45.9984, 75.1923**, and if you desaturate by 10%, it is **65.5635, 66.5635, 78.5005**.

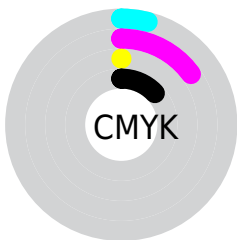
Distribution



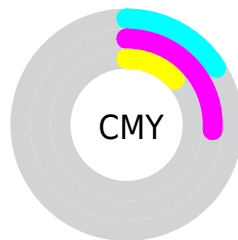
- Red (84%)
- Green (74%)
- Blue (87%)



- Red (84%)
- Yellow (74%)
- Blue (87%)



- Cyan (4%)
- Magenta (15%)
- Yellow (0%)
- Black (13%)



- Cyan (16%)
- Magenta (26%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.8996, 55.5365, 76.7225 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 58.8996, 55.5365, 76.7225 by changing the saturation by 10% instead.

■ 58.8996, 55.5365,
76.7225

■ 58.8996, 55.5365,
76.7225

410.4298,
407.9424, 503.2299

■ 42.7784, 39.8314,
56.5149

■ 102.3472, 98.3266,
130.5171

■ 29.9050, 27.4071,
40.2092

130.4043,
126.1804, 164.9413

■ 19.9142, 17.8792,
27.3866

163.1706,
158.8525, 204.9414

■ 12.4406, 10.8633,
17.6288

201.0117,
196.7274, 250.9359

■ 7.1188, 5.9750,
10.5172

244.2928,
240.1894, 303.3435

■ 3.5835, 2.8299,
5.6331

293.3793,

■ 1.4693, 1.0436,

289.6230, 362.5827

2.5581

348.6365,
345.4126, 429.0720

■ 0.3048, 0.0000,
0.8707

■ 0.0000, 0.0000,
0.0000

■ 58.8996, 55.5365,
76.7225

■ 58.8996, 55.5365,
76.7225

■ 53.0174, 45.9984,
75.1923

■ 65.5635, 66.5635,
78.5005

■ 47.8782, 37.8754,
73.8953

■ 73.0356, 79.1347,
80.5332

■ 43.4475, 31.0980,
72.8206

■ 81.3474, 93.3113,
82.8315

■ 39.6857, 25.5879,
71.9554

■ 83.1719, 94.4386,
82.9529

■ 36.5493, 21.2588,
71.2851

■ 84.9211, 95.3404,
83.0348

■ 33.9893, 18.0133,
70.7935

■ 86.7214, 96.2685,
83.1190

■ 31.9486, 15.7381,
70.4619

■ 88.5733, 97.2231,
83.2057

■ 30.3576, 14.2945,
70.2671

■ 90.1850, 98.0540,
83.2811

■ 29.7114, 13.7937,
70.2045

Harmonies

Analogous

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



55.3120, 55.5365, 84.5076



58.8996, 55.5365, 76.7225



60.8861, 55.5365, 65.1216

Triad

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



58.8996, 55.5365, 76.7225



54.3860, 55.5365, 40.9497



45.6570, 55.5365, 67.8757

Complementary

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



58.8996, 55.5365, 76.7225



57.9653, 67.6106, 57.5747

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.



45.4378, 55.5365, 56.0450



58.8996, 55.5365, 76.7225



50.3376, 55.5365, 41.4862

Square

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



58.8996, 55.5365, 76.7225



58.1916, 55.5365, 45.1168



47.1104, 55.5365, 46.6915



47.7256, 55.5365, 78.9619

Rectangle

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



58.8996, 55.5365, 76.7225



60.9702, 55.5365, 57.2330



47.1104, 55.5365, 46.6915



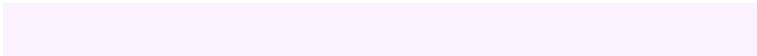
45.3687, 55.5365, 63.8264

Sweetspot

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



58.9013, 55.5389, 76.7237



90.0214, 91.5686, 107.5376



53.7790, 55.6735, 77.0197



19.1219, 19.3551, 22.9780



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.



58.9013, 55.5389, 76.7237



78.2525, 72.1388, 104.4076



60.1829, 56.3279, 70.9858



13.9633, 13.7646, 17.3086



17.7506, 8.2461, 41.7045



1.3076, 0.6114, 2.8943

Inverse Universe

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



58.0731, 55.4840, 59.8758



76.9701, 72.0721, 77.4956



56.8831, 66.9437, 62.4491



13.8387, 13.7531, 14.9210



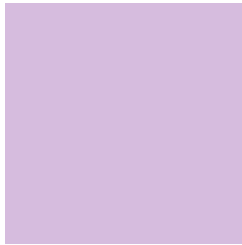
18.3005, 9.3872, 2.9821



1.3030, 0.6645, 0.3885

Previews

White Background



This preview shows how the XYZ color 58.8996, 55.5365, 76.7225 looks on a white background.

Color Contrast Check

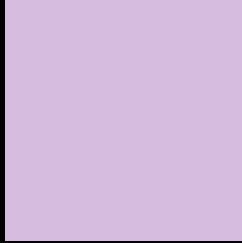
Large Text (above 18pt) WCAG AA × Fail

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 58.8996, 55.5365, 76.7225 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

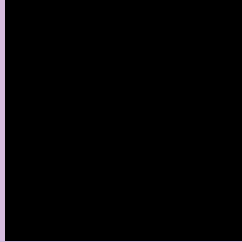
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.8996, 55.5365, 76.7225

Background



This preview shows how black text looks on a background with the XYZ color 58.8996, 55.5365, 76.7225.



This preview shows how white text looks on a background with the XYZ color 58.8996, 55.5365,

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

58.8996, 55.5365, 76.7225

Protanopia

54.8661, 55.6526, 80.5233

Deuteranopia

56.8026, 55.7571, 76.1750



Tritanopia

56.9228, 55.7149, 66.1464

Trichromacy



Original Color

58.8996, 55.5365, 76.7225

Protanomaly

55.9934, 55.2776, 78.9526

Deuteranomaly

57.6944, 55.8920, 76.1540

Tritanomaly

57.7377, 55.7265, 70.0005

Monochromacy



Original Color

58.8996, 55.5365, 76.7225

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

56.3019, 57.0131, 67.7117

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.8996, 55.5365, 76.7225 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(214, 188, 222)` looks like.

```
.text, #text, p{  
    color:rgb(214, 188, 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(214, 188, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 188, 222) }
```

Border

The CSS property to change the border of an element to XYZ 58.8996, 55.5365, 76.7225 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(214, 188, 222) }
```


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

```
.border{ border-color:rgb(214, 188, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 188, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 188, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 188, 222);  
box-shadow:4px 4px 4px 4px rgb(214, 188,  
222) }
```

Background

The CSS property to change the background color of an element to XYZ 58.8996, 55.5365, 76.7225 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 188, 222) }
```

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

```
.background{ background-color: rgb(214,  
188, 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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