

Converting Colors

XYZ(56.0313, 53.4546, 76.4149)

Have a look what the booklet for
XYZ(56.0313, 53.4546, 76.4149)
contains.

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Color

**XYZ(55.9206, 53.3709,
76.4615)**

Conversions

Conversions Part 1

Format	Color
Hex	CDBADE
RGB	205, 186, 222
RGB Percent	80%, 73%, 87%
CMY	0.1961, 0.2706, 0.1294
CMYK	0.08, 0.16, 0.00, 0.13
HSL	272°, 35%, 80%
HSV	272°, 16%, 87%
XYZ	55.9206, 53.3709, 76.4615
YIQ	195.7850, -0.2320, 15.2240

Conversions

Conversions Part 2

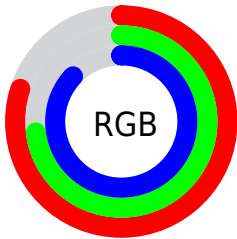
Format	Color
R _{YB}	205, 186, 222
Decimal	13482718
CIE _{Lab}	78.09, 13.39, -15.54
CIE _{LCh}	78, 20.515, 310.757
Y _{xy}	53.3709, 0.3010, 0.2873
Android (android.graphics.Color)	4291672798 (0xFFCDBADE)
YUV	195.7850, 12.9240, 8.0816
Hunter-Lab	73.0554, 8.7868, -10.9155

Details

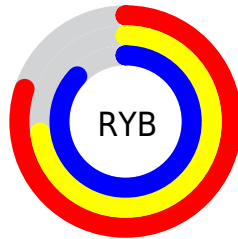
The XYZ color **55.9206, 53.3709, 76.4615** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **59.6146, 68.4856, 56.5340**, and the grayscale version is **52.2671, 54.9891, 59.8831**.

A 20% lighter version of the original color is **91.0421, 91.9843, 107.5640**, and **28.1251, 26.1444, 40.1232** is the 20% darker color. If you saturate the color by 10%, you get **48.8068, 43.2930, 74.8920**, and if you desaturate by 10%, it is **63.9580, 65.0064, 78.2846**.

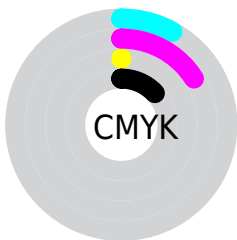
Distribution



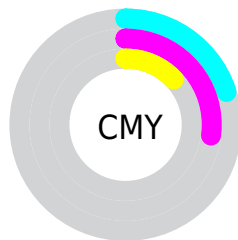
- Red (80%)
- Green (73%)
- Blue (87%)



- Red (80%)
- Yellow (73%)
- Blue (87%)



- Cyan (8%)
- Magenta (16%)
- Yellow (0%)
- Black (13%)



- Cyan (20%)
- Magenta (27%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.9206, 53.3709, 76.4615 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 55.9206, 53.3709, 76.4615 by changing the saturation by 10% instead.

■ 55.9206, 53.3709,
76.4615

■ 55.9206, 53.3709,
76.4615

399.4721,
399.7065, 502.3149

■ 40.3760, 38.0989,
56.3021

■ 98.0290, 95.1499,
130.1451

■ 28.0174, 26.0595,
40.0396

125.3234,
122.4258, 164.5064

■ 18.4793, 16.8681,
27.2554

157.2653,
154.4717, 204.4387

■ 11.3964, 10.1405,
17.5310

194.2198,
191.6721, 250.3606

■ 6.4034, 5.4922,
10.4478

236.5524,
234.4114, 302.6907

■ 3.1348, 2.5389,
5.5874

284.6284,

■ 1.2255, 0.8960,

283.0740, 361.8473

2.5312

338.8132,
338.0442, 428.2492

■ 0.1263, 0.0000,
0.8566

■ 0.0000, 0.0000,
0.0000

■ 55.9206, 53.3709,
76.4615

■ 55.9206, 53.3709,
76.4615

■ 48.8068, 43.2930,
74.8920

■ 63.9580, 65.0064,
78.2846

■ 42.5745, 34.6970,
73.5613

■ 72.9491, 78.2571,
80.3683

■ 37.1855, 27.5112,
72.4583

■ 82.9286, 93.1860,
82.7239

■ 32.5964, 21.6547,
71.5698

■ 87.2807, 96.5568,
83.1452

■ 28.7595, 17.0384,
70.8810

■ 90.1850, 98.0540,
83.2811

■ 25.6214, 13.5618,
70.3753

■ 23.1202, 11.1079,
70.0335

■ 21.1797, 9.5308,
69.8314

■ 20.5429, 9.0671,
69.7754

Harmonies

Analogous

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



52.1777, 53.3709, 82.5718



55.9206, 53.3709, 76.4615



58.3476, 53.3709, 65.6845

Triad

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



55.9206, 53.3709, 76.4615



53.3069, 53.3709, 39.6842



43.5347, 53.3709, 62.3243

Complementary

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



55.9206, 53.3709, 76.4615



59.6146, 68.4856, 56.5340

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.



43.8015, 53.3709, 51.1448



55.9206, 53.3709, 76.4615



49.3043, 53.3709, 39.0331

Square

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



55.9206, 53.3709, 76.4615



56.7845, 53.3709, 44.8750



45.8662, 53.3709, 42.9613



45.1172, 53.3709, 73.7250

Rectangle

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



55.9206, 53.3709, 76.4615



58.8202, 53.3709, 57.8211



45.8662, 53.3709, 42.9613



43.4132, 53.3709, 58.4035

Sweetspot

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



55.9222, 53.3732, 76.4627



88.9360, 91.0090, 107.4868



54.8870, 58.6161, 77.5292



18.8578, 19.2190, 22.9657



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.



55.9222, 53.3732, 76.4627



73.5715, 68.8037, 104.0106



60.7891, 55.8914, 76.2714



13.6391, 13.5975, 17.2934



12.3314, 5.4524, 41.4508



0.9579, 0.4311, 2.8780

Inverse Universe

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



58.4644, 54.9615, 64.0295



77.6470, 71.3491, 84.1235



55.2998, 66.2538, 56.6657



13.9753, 13.8078, 15.6403



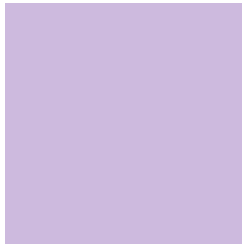
19.4581, 9.8502, 9.0779



1.3937, 0.7008, 0.8661

Previews

White Background



This preview shows how the XYZ color 55.9206, 53.3709, 76.4615 looks on a white background.

Color Contrast Check

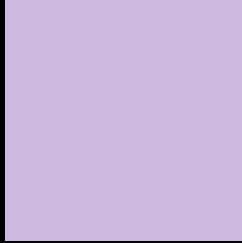
Large Text (above 18pt) WCAG AA × Fail

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 55.9206, 53.3709, 76.4615 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

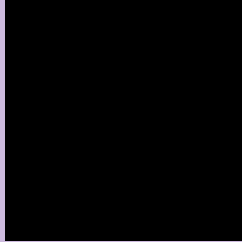
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.9206, 53.3709, 76.4615

Background



This preview shows how black text looks on a background with the XYZ color 55.9206, 53.3709, 76.4615.



This preview shows how white text looks on a background with the XYZ color 55.9206, 53.3709,

76.4615.

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

55.9206, 53.3709, 76.4615

Protanopia

53.0706, 53.7551, 79.5301

Deuteranopia

54.4567, 53.2461, 76.5146



Tritanopia

53.4538, 53.3114, 64.5995

Trichromacy



Original Color

55.9206, 53.3709, 76.4615

Protanomaly

54.2522, 53.7325, 78.7462

Deuteranomaly

55.0425, 53.2321, 76.4810

Tritanomaly

54.3697, 53.3661, 69.0631

Monochromacy



Original Color

55.9206, 53.3709, 76.4615

Achromatopsia

52.4687, 55.2011, 60.1140

Achromatomaly

53.4223, 54.2492, 65.4131

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.9206, 53.3709, 76.4615 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(205, 186, 222)` looks like.

```
.text, #text, p{  
    color:rgb(205, 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(205, 186, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 186, 222) }
```

Border

The CSS property to change the border of an element to XYZ 55.9206, 53.3709, 76.4615 is called "border". The border property can be set on classes, ids or directly on the HTML element.

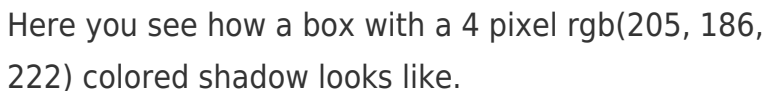
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(205, 186, 222) }
```


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

```
.border{ border-color:rgb(205, 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(205, 186, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(205, 186, 222); -webkit-box-shadow:4px 4px 4px 4px rgb(205, 186, 222); box-shadow:4px 4px 4px 4px rgb(205, 186, 222) }
```

Background

The CSS property to change the background color of an element to XYZ 55.9206, 53.3709, 76.4615 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 186, 222) }
```

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

```
.background{ background-color: rgb(205,  
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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