

Converting Colors

XYZ(55.6456, 53.2291, 76.4486)

Have a look what the booklet for
XYZ(55.6456, 53.2291, 76.4486)
contains.

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Color

**XYZ(55.6456, 53.2291,
76.4486)**

Conversions

Conversions Part 1

Format	Color
Hex	CCBADE
RGB	204, 186, 222
RGB Percent	80%, 73%, 87%
CMY	0.2000, 0.2706, 0.1294
CMYK	0.08, 0.16, 0.00, 0.13
HSL	270°, 35%, 80%
HSV	270°, 16%, 87%
XYZ	55.6456, 53.2291, 76.4486
YIQ	195.4860, -0.8280, 15.0120

Conversions

Conversions Part 2

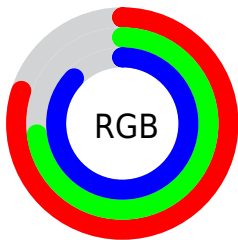
Format	Color
R_{YB}	204, 186, 222
Decimal	13417182
CIE _{Lab}	78.01, 13.06, -15.67
CIE _{LCh}	78, 20.404, 309.813
Yxy	53.2291, 0.3003, 0.2872
Android (android.graphics.Color)	4291607262 (0xFFCCBADE)
YUV	195.4860, 13.0714, 7.4668
Hunter-Lab	72.9583, 8.4658, -11.0556

Details

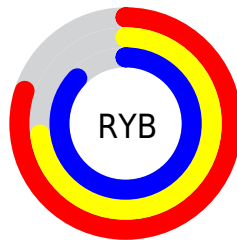
The XYZ color **55.6456, 53.2291, 76.4486** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **59.8878, 68.6264, 56.5467**, and the grayscale version is **52.0878, 54.8004, 59.6777**.

A 20% lighter version of the original color is **91.0421, 91.9843, 107.5640**, and **27.9403, 26.0491, 40.1146** is the 20% darker color. If you saturate the color by 10%, you get **48.3927, 43.0795, 74.8726**, and if you desaturate by 10%, it is **63.8452, 64.9482, 78.2793**.

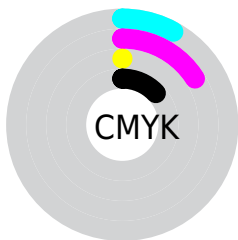
Distribution



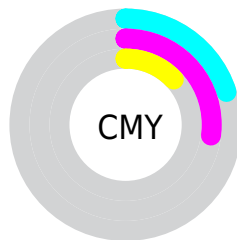
- Red (80%)
- Green (73%)
- Blue (87%)



- 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 55.6456, 53.2291, 76.4486 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 55.6456, 53.2291, 76.4486 by changing the saturation by 10% instead.

■ 55.6456, 53.2291,
76.4486

■ 55.6456, 53.2291,
76.4486

398.4513,
399.1635, 502.2696

■ 40.1547, 37.9857,
56.2916

■ 97.6290, 94.9414,
130.1267

■ 27.8440, 25.9716,
40.0312

124.8523,
122.1791, 164.4849

■ 18.3479, 16.8024,
27.2489

156.7171,
154.1836, 204.4139

■ 11.3013, 10.0937,
17.5261

193.5888,
191.3395, 250.3322

■ 6.3386, 5.4611,
10.4444

235.8327,
234.0310, 302.6584

■ 3.0947, 2.5203,
5.5852

283.8141,

■ 1.2040, 0.8868,

282.6426, 361.8110

2.5298

337.8986,
337.5586, 428.2085

■ 0.1095, 0.0000,
0.8559

■ 0.0000, 0.0000,
0.0000

■ 55.6456, 53.2291,
76.4486

■ 55.6456, 53.2291,
76.4486

■ 48.3927, 43.0795,
74.8726

■ 63.8452, 64.9482,
78.2793

■ 42.0436, 34.4233,
73.5364

■ 73.0223, 78.2948,
80.3717

■ 36.5594, 27.1884,
72.4290

■ 83.2121, 93.3321,
82.7372

■ 31.8959, 21.2935,
71.5370

■ 87.7998, 96.8244,
83.1694

■ 28.0046, 16.6492,
70.8456

■ 90.1850, 98.0540,
83.2811

■ 24.8312, 13.1545,
70.3383

■ 22.3129, 10.6917,
69.9957

■ 20.3724, 9.1147,
69.7936

■ 19.7400, 8.6532,
69.7378

Harmonies

Analogous

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



51.9064, 53.2291, 82.3111



55.6456, 53.2291, 76.4486



58.1102, 53.2291, 65.8435

Triad

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



55.6456, 53.2291, 76.4486



53.2761, 53.2291, 39.7457



43.4293, 53.2291, 61.7685

Complementary

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



55.6456, 53.2291, 76.4486



59.8878, 68.6264, 56.5467

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.



43.7532, 53.2291, 50.7276



55.6456, 53.2291, 76.4486



49.3012, 53.2291, 38.9544

Square

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



55.6456, 53.2291, 76.4486



56.6933, 53.2291, 45.0422



45.8553, 53.2291, 42.7178



44.9462, 53.2291, 73.1319

Rectangle

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



55.6456, 53.2291, 76.4486



58.6266, 53.2291, 58.0289



45.8553, 53.2291, 42.7178



43.3284, 53.2291, 57.8860

Sweetspot

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



55.6472, 53.2314, 76.4498



88.8099, 90.9440, 107.4809



55.1722, 59.1865, 77.6243



18.8271, 19.2032, 22.9642



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.



55.6472, 53.2314, 76.4498



73.1360, 68.5792, 103.9902



60.6859, 55.8289, 76.6856



13.6017, 13.5782, 17.2917



11.8533, 5.2059, 41.4285



0.9249, 0.4141, 2.8764

Inverse Universe

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



58.5839, 55.0093, 64.6591



77.8361, 71.4248, 85.1195



55.3818, 66.3035, 56.3358



13.9916, 13.8143, 15.7261



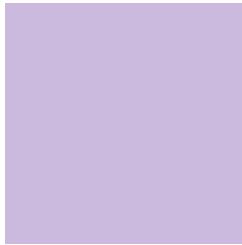
19.6538, 9.9285, 10.1084



1.4075, 0.7063, 0.9387

Previews

White Background



This preview shows how the XYZ color 55.6456, 53.2291, 76.4486 looks on a white background.

Color Contrast Check

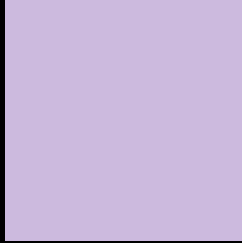
Large Text (above 18pt) WCAG AA × Fail

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 55.6456, 53.2291, 76.4486 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

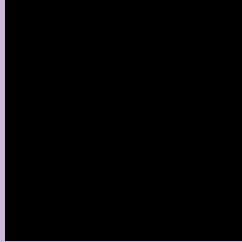
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.6456, 53.2291, 76.4486

Background



This preview shows how black text looks on a background with the XYZ color 55.6456, 53.2291, 76.4486.



This preview shows how white text looks on a background with the XYZ color 55.6456, 53.2291,

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

55.6456, 53.2291, 76.4486

Protanopia

52.6080, 53.1917, 79.4458

Deuteranopia

54.4567, 53.2461, 76.5146



Tritanopia

53.1841, 53.1723, 64.5869

Trichromacy



Original Color

55.6456, 53.2291, 76.4486

Protanomaly

53.7805, 53.1689, 78.6622

Deuteranomaly

54.7746, 53.0939, 76.4685

Tritanomaly

54.0982, 53.2261, 69.0504

Monochromacy



Original Color

55.6456, 53.2291, 76.4486

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

53.1578, 54.1128, 65.4007

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.6456, 53.2291, 76.4486 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(204, 186, 222)` looks like.

```
.text, #text, p{  
    color:rgb(204, 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(204, 186, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 186, 222) }
```

Border

The CSS property to change the border of an element to XYZ 55.6456, 53.2291, 76.4486 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(204, 186, 222) }
```


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

```
.border{ border-color:rgb(204, 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(204, 186, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(204, 186, 222); -webkit-box-shadow:4px 4px 4px 4px rgb(204, 186, 222); box-shadow:4px 4px 4px 4px rgb(204, 186, 222) }
```

Background

The CSS property to change the background color of an element to XYZ 55.6456, 53.2291, 76.4486 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 186, 222) }
```

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

```
.background{ background-color: rgb(204,  
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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