

Converting Colors

XYZ(56.0739, 55.1639, 73.0959)

Have a look what the booklet for
XYZ(56.0739, 55.1639, 73.0959)
contains.

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Color

**XYZ(56.0570, 55.1087,
73.3282)**

Conversions

Conversions Part 1

Format	Color
Hex	CCBFD9
RGB	204, 191, 217
RGB Percent	80%, 75%, 85%
CMY	0.2000, 0.2510, 0.1490
CMYK	0.06, 0.12, 0.00, 0.15
HSL	270°, 25%, 80%
HSV	270°, 12%, 85%
XYZ	56.0570, 55.1087, 73.3282
YIQ	197.8510, -0.5980, 10.8420

Conversions

Conversions Part 2

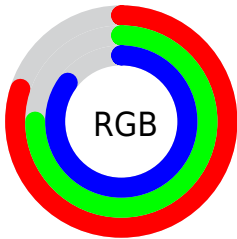
Format	Color
R_{YB}	204, 191, 217
Decimal	13418457
CIE _{Lab}	79.10, 9.38, -11.34
CIE _{LCh}	79, 14.712, 309.603
Yxy	55.1087, 0.3038, 0.2987
Android (android.graphics.Color)	4291608537 (0xFFCCBFD9)
YUV	197.8510, 9.4405, 5.3927
Hunter-Lab	74.2352, 4.8784, -6.6009

Details

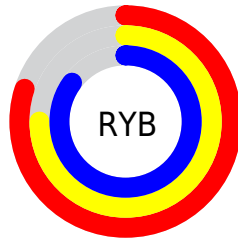
The XYZ color **56.0570, 55.1087, 73.3282** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **59.1207, 66.2262, 58.9598**, and the grayscale version is **53.5322, 56.3200, 61.3325**.

A 20% lighter version of the original color is **92.5508, 95.0015, 108.0669**, and **28.1877, 27.2696, 37.9603** is the 20% darker color. If you saturate the color by 10%, you get **48.7999, 44.8564, 71.7326**, and if you desaturate by 10%, it is **64.2257, 66.8747, 75.1696**.

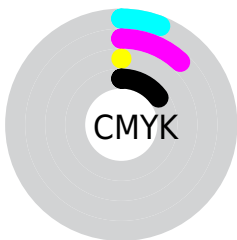
Distribution



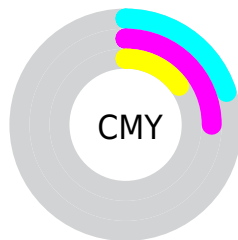
- Red (80%)
- Green (75%)
- Blue (85%)



- Red (80%)
- Yellow (75%)
- Blue (85%)



- Cyan (6%)
- Magenta (12%)
- Yellow (0%)
- Black (15%)



- Cyan (20%)
- Magenta (25%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.0570, 55.1087, 73.3282 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 56.0570, 55.1087, 73.3282 by changing the saturation by 10% instead.

■ 56.0570, 55.1087,
73.3282

■ 56.0570, 55.1087,
73.3282

399.9778,
406.3238, 491.2528

■ 40.4858, 39.4888,
53.7509

■ 98.2272, 97.7002,
125.6683

■ 28.1034, 27.1402,
38.0107

125.5570,
125.4405, 159.2681

■ 18.5445, 17.6785,
25.6891

157.5370,
157.9898, 198.3792

■ 11.4436, 10.7194,
16.3675

194.5326,
195.7324, 243.4201

■ 6.4356, 5.8785,
9.6274

236.9091,
239.0527, 294.8094

■ 3.1548, 2.7713,
5.0503

285.0319,

■ 1.2362, 1.0136,

288.3351, 352.9656

2.2175

339.2663,
343.9640, 418.3072

■ 0.1346, 0.0000,
0.6845

■ 0.0000, 0.0000,
0.0000

■ 56.0570, 55.1087,
73.3282

■ 56.0570, 55.1087,
73.3282

■ 48.7999, 44.8564,
71.7326

■ 64.2257, 66.8747,
75.1696

■ 42.4146, 36.0473,
70.3688

■ 73.3341, 80.2072,
77.2629

■ 36.8655, 28.6154,
69.2268

■ 83.0613, 94.4579,
79.5009

■ 32.1122, 22.4868,
68.2944

■ 86.7858, 96.3780,
79.6752

■ 28.1109, 17.5806,
67.5583

■ 89.5246, 97.7898,
79.8034

■ 24.8126, 13.8063,
67.0036

■ 22.1620, 11.0602,
66.6133

■ 20.0932, 9.2186,
66.3668

■ 18.7685, 8.2287,
66.2456

Harmonies

Analogous

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



53.3256, 55.1087, 77.3791



56.0570, 55.1087, 73.3282



57.8449, 55.1087, 65.8109

Triad

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



56.0570, 55.1087, 73.3282



54.3694, 55.1087, 46.1030



47.0131, 55.1087, 62.7388

Complementary

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



56.0570, 55.1087, 73.3282



59.1207, 66.2262, 58.9598

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.



47.2691, 55.1087, 54.5491



56.0570, 55.1087, 73.3282



51.4440, 55.1087, 45.4465

Square

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



56.0570, 55.1087, 73.3282



56.8456, 55.1087, 50.2859



48.8658, 55.1087, 48.4003



48.1531, 55.1087, 70.8998

Rectangle

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



56.0570, 55.1087, 73.3282



58.2233, 55.1087, 60.1160



48.8658, 55.1087, 48.4003



46.9398, 55.1087, 59.8921

Sweetspot

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



56.0586, 55.1110, 73.3294



90.0302, 92.7093, 107.7573



55.7083, 59.4802, 74.1912



19.0734, 19.5589, 23.0199



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.



56.0586, 55.1110, 73.3294



78.4344, 76.0697, 105.1567



59.6434, 56.9591, 73.4972



12.9558, 12.9353, 16.4661



11.4833, 5.0440, 40.1068



0.8433, 0.3780, 2.6030

Inverse Universe

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



58.1471, 56.3754, 64.9463



81.9581, 78.2030, 91.0122



55.8138, 64.5214, 58.8051



13.3262, 13.1596, 14.9792



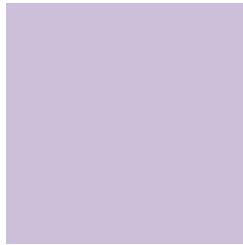
19.0306, 9.6133, 9.8072



1.2764, 0.6402, 0.8644

Previews

White Background



This preview shows how the XYZ color 56.0570, 55.1087, 73.3282 looks on a white background.

Color Contrast Check

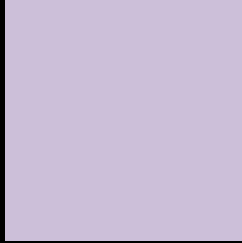
Large Text (above 18pt) WCAG AA × Fail

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 56.0570, 55.1087, 73.3282 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

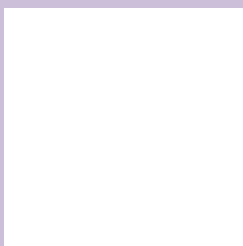
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 56.0570, 55.1087, 73.3282

Background



This preview shows how black text looks on a background with the XYZ color 56.0570, 55.1087, 73.3282.



This preview shows how white text looks on a background with the XYZ color 56.0570, 55.1087,

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

56.0570, 55.1087, 73.3282

Protanopia

53.8162, 54.9045, 74.7790

Deuteranopia

56.3320, 55.2505, 73.3410



Tritanopia

55.0837, 55.3905, 67.4627

Trichromacy



Original Color

56.0570, 55.1087, 73.3282

Protanomaly

54.4898, 54.9376, 74.0618

Deuteranomaly

56.3320, 55.2505, 73.3410

Tritanomaly

55.2361, 55.0989, 69.3519

Monochromacy



Original Color

56.0570, 55.1087, 73.3282

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

54.3540, 55.7174, 65.6474

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.0570, 55.1087, 73.3282 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, 191, 217)` looks like.

```
.text, #text, p{  
    color:rgb(204, 191, 217)  
}
```

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, 191, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 191, 217) }
```

Border

The CSS property to change the border of an element to XYZ 56.0570, 55.1087, 73.3282 is called "border". The border property can be set on classes, ids or directly on the HTML element.

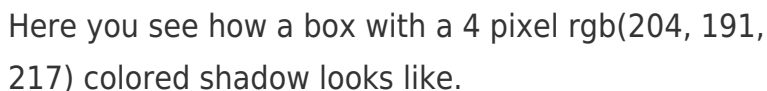
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(204, 191, 217) }
```


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

```
.border{ border-color:rgb(204, 191, 217) }
```

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



Here you see how a box with a 4 pixel `rgb(204, 191, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 191, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 191, 217);  
box-shadow:4px 4px 4px 4px rgb(204, 191,  
217) }
```

Background

The CSS property to change the background color of an element to XYZ 56.0570, 55.1087, 73.3282 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 191, 217) }
```

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

```
.background{ background-color: rgb(204,  
191, 217) }
```

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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