

Converting Colors

XYZ(56.4369, 54.0728, 63.9939)

Have a look what the booklet for
XYZ(56.4369, 54.0728, 63.9939)
contains.

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Color

**XYZ(56.5741, 54.2995,
63.9990)**

Conversions

Conversions Part 1

Format	Color
Hex	D7BBCB
RGB	215, 187, 203
RGB Percent	84%, 73%, 80%
CMY	0.1569, 0.2666, 0.2039
CMYK	0.00, 0.13, 0.06, 0.16
HSL	326°, 26%, 79%
HSV	326°, 13%, 84%
XYZ	56.5741, 54.2995, 63.9990
YIQ	197.1960, 11.5520, 10.9120

Conversions

Conversions Part 2

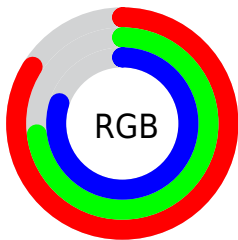
Format	Color
R _Y B	215, 187, 203
Decimal	14138315
CIE Lab	78.64, 12.68, -4.37
CIE LCh	79, 13.411, 340.994
Yxy	54.2995, 0.3235, 0.3105
Android (android.graphics.Color)	4292328395 (0xFFD7BBCB)
YUV	197.1960, 2.8614, 15.6141
Hunter-Lab	73.6882, 8.0890, 0.0877

Details

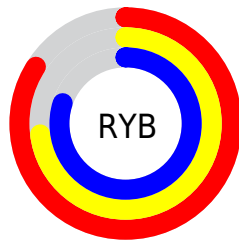
The XYZ color **56.5741, 54.2995, 63.9990** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **55.1048, 63.2905, 63.3477**, and the grayscale version is **53.1689, 55.9379, 60.9163**.

A 20% lighter version of the original color is **91.3406, 92.5812, 107.6635**, and **28.4471, 26.6937, 32.0868** is the 20% darker color. If you saturate the color by 10%, you get **51.2846, 45.4254, 56.9779**, and if you desaturate by 10%, it is **62.6149, 64.5701, 71.5939**.

Distribution



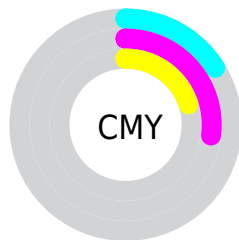
- Red (84%)
- Green (73%)
- Blue (80%)



- Red (84%)
- Yellow (73%)
- Blue (80%)



- Cyan (0%)
- Magenta (13%)
- Yellow (6%)
- Black (16%)



- Cyan (16%)
- Magenta (27%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.5741, 54.2995, 63.9990 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 56.5741, 54.2995, 63.9990 by changing the saturation by 10% instead.

■ 56.5741, 54.2995,
63.9990

■ 56.5741, 54.2995,
63.9990

401.8915,
403.2511, 457.3934

■ 40.9022, 38.8412,
46.2037

■ 98.9784, 96.5139,
112.2089

■ 28.4300, 26.6362,
32.0568

126.4416,
124.0387, 143.4607

■ 18.7922, 17.3002,
21.1397

158.5658,
156.3544, 180.0349

■ 11.6233, 10.4487,
13.0339

195.7166,
193.8455, 222.3503

■ 6.5581, 5.6975,
7.3209

238.2592,
236.8963, 270.8253

■ 3.2312, 2.6620,
3.5821

286.5590,

■ 1.2772, 0.9579,

285.8912, 325.8784

1.3990

340.9813,
341.2147, 387.9283

■ 0.1660, 0.0000,
0.1409

■ 0.0000, 0.0000,
0.0000

■ 56.5741, 54.2995,
63.9990

■ 56.5741, 54.2995,
63.9990

■ 51.2846, 45.4254,
56.9779

■ 62.6149, 64.5701,
71.5939

■ 46.7103, 37.8799,
50.5112

■ 69.4317, 76.2873,
79.7744

■ 42.8191, 31.5997,
44.5830

■ 77.0540, 89.5074,
88.5561

■ 39.5745, 26.5138,
39.1754

■ 79.4924, 92.2504,
95.9479

■ 36.9365, 22.5440,
34.2690

■ 80.8957, 92.8117,
103.3375

■ 34.8602, 19.6027,
29.8426

■ 81.8346, 93.1872,
108.2815

■ 33.2941, 17.5890,
25.8726

■ 32.1764, 16.3814,
22.3318

■ 31.5902, 15.8734,
20.0875

Harmonies

Analogous

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



55.0218, 54.2995, 70.8233



56.5741, 54.2995, 63.9990



56.7700, 54.2995, 56.3861

Triad

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



56.5741, 54.2995, 63.9990



50.6454, 54.2995, 45.9355



47.8624, 54.2995, 69.2110

Complementary

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



56.5741, 54.2995, 63.9990



55.1048, 63.2905, 63.3477

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.



46.7726, 54.2995, 61.9469



56.5741, 54.2995, 63.9990



48.3424, 54.2995, 48.7878

Square

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



56.5741, 54.2995, 63.9990



53.2857, 54.2995, 46.3826



46.9452, 54.2995, 54.5010



49.9699, 54.2995, 74.0056

Rectangle

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



56.5741, 54.2995, 63.9990



56.0978, 54.2995, 51.9291



46.9452, 54.2995, 54.5010



47.3682, 54.2995, 66.9523

Sweetspot

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



56.5757, 54.3019, 64.0002



91.1859, 93.3855, 104.1789



53.5030, 52.5462, 71.6131



19.3665, 19.7304, 22.1119



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.



56.5757, 54.3019, 64.0002



80.6982, 75.5988, 90.8524



55.0181, 53.6788, 55.7980



12.7176, 12.5385, 14.4531



18.9486, 9.5158, 12.2994



1.1840, 0.5904, 0.9583

Inverse Universe

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



56.5757, 54.3019, 64.0002



80.6982, 75.5988, 90.8524



56.7636, 63.9541, 72.0827



12.7176, 12.5385, 14.4531



18.9486, 9.5158, 12.2994



1.1840, 0.5904, 0.9583

Previews

White Background



This preview shows how the XYZ color 56.5741, 54.2995, 63.9990 looks on a white background.

Color Contrast Check

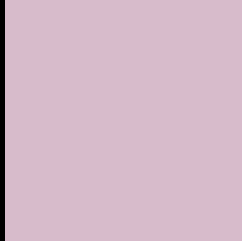
Large Text (above 18pt) WCAG AA × Fail

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 56.5741, 54.2995, 63.9990 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

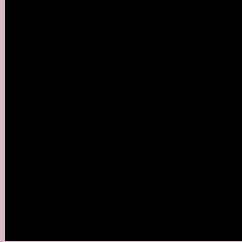
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.5741, 54.2995, 63.9990

Background



This preview shows how black text looks on a background with the XYZ color 56.5741, 54.2995, 63.9990.



This preview shows how white text looks on a background with the XYZ color 56.5741, 54.2995,

63.9990.

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

56.5741, 54.2995, 63.9990

Protanopia

53.0599, 54.6907, 66.7913

Deuteranopia

55.5554, 54.4086, 64.0737



Tritanopia

56.4553, 54.2520, 63.3733

Trichromacy



Original Color

56.5741, 54.2995, 63.9990

Protanomaly

54.1285, 54.2744, 66.0156

Deuteranomaly

55.9141, 54.2753, 64.0291

Tritanomaly

56.4553, 54.2520, 63.3733

Monochromacy



Original Color

56.5741, 54.2995, 63.9990

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

54.2806, 55.1008, 61.8075

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.5741, 54.2995, 63.9990 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(215, 187, 203)` looks like.

```
.text, #text, p{  
    color:rgb(215, 187, 203)  
}
```

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(215, 187, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 187, 203) }
```

Border

The CSS property to change the border of an element to XYZ 56.5741, 54.2995, 63.9990 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(215, 187, 203) }
```


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

```
.border{ border-color:rgb(215, 187, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 187, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 187, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 187, 203);  
box-shadow:4px 4px 4px 4px rgb(215, 187,  
203) }
```

Background

The CSS property to change the background color of an element to XYZ 56.5741, 54.2995, 63.9990 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 187, 203) }
```

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

```
.background{ background-color: rgb(215,  
187, 203) }
```

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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