

Converting Colors

XYZ(56.1625, 49.4468, 55.3719)

Have a look what the booklet for
XYZ(56.1625, 49.4468, 55.3719)
contains.

XYZ(56.1703, 49.5015, 55.3095)	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(56.1703, 49.5015,
55.3095)**

Conversions

Conversions Part 1

Format	Color
Hex	E5ABBE
RGB	229, 171, 190
RGB Percent	90%, 67%, 75%
CMY	0.1020, 0.3294, 0.2549
CMYK	0.00, 0.25, 0.17, 0.10
HSL	340°, 53%, 78%
HSV	340°, 25%, 90%
XYZ	56.1703, 49.5015, 55.3095
YIQ	190.5080, 28.4690, 18.2050

Conversions

Conversions Part 2

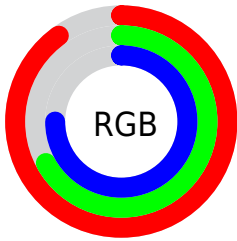
Format	Color
R _Y B	229, 171, 190
Decimal	15051710
CIE Lab	75.76, 24.06, -1.37
CIE LCh	76, 24.103, 356.745
Yxy	49.5015, 0.3489, 0.3075
Android (android.graphics.Color)	4293241790 (0xFFE5ABBE)
YUV	190.5080, -0.2504, 33.7575
Hunter-Lab	70.3573, 19.3816, 2.6409

Details

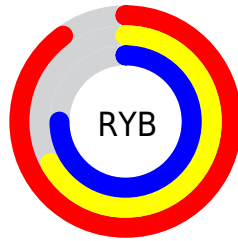
The XYZ color **56.1703, 49.5015, 55.3095** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **56.4488, 69.3510, 71.3869**, and the grayscale version is **49.2276, 51.7912, 56.4006**.

A 20% lighter version of the original color is **85.3436, 82.8520, 98.6827**, and **28.2274, 23.6472, 26.7435** is the 20% darker color. If you saturate the color by 10%, you get **50.6186, 40.9505, 45.5891**, and if you desaturate by 10%, it is **62.6520, 59.6268, 66.2185**.

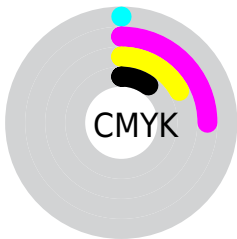
Distribution



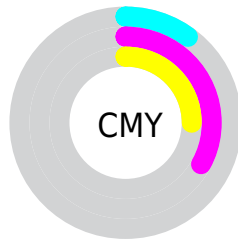
- Red (90%)
- Green (67%)
- Blue (75%)



- Red (90%)
- Yellow (67%)
- Blue (75%)



- Cyan (0%)
- Magenta (25%)
- Yellow (17%)
- Black (10%)



- Cyan (10%)
- Magenta (33%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.1703, 49.5015, 55.3095 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 56.1703, 49.5015, 55.3095 by changing the saturation by 10% instead.

■ 56.1703, 49.5015,
55.3095

■ 56.1703, 49.5015,
55.3095

400.3976,
384.7133, 424.3990

■ 40.5770, 35.0175,
39.2493

■ 98.3919, 89.4358,
99.4700

■ 28.1749, 23.6763,
26.6444

125.7509,
115.6549, 128.4073

■ 18.5987, 15.0937,
17.0763

157.7626,
146.5545, 162.4741

■ 11.4829, 8.8852,
10.1263

194.7922,
182.5189, 202.0889

■ 6.4623, 4.6664,
5.3761

237.2052,
223.9326, 247.6703

■ 3.1715, 2.0529,
2.4070

285.3668,

■ 1.2451, 0.6379,

271.1800, 299.6367

0.7903

339.6425,
324.6454, 358.4068

■ 0.1415, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.1703, 49.5015,
55.3095

■ 56.1703, 49.5015,
55.3095

■ 50.6186, 40.9505,
45.5891

■ 62.6520, 59.6268,
66.2185

■ 45.9486, 33.8876,
37.0123

■ 70.1006, 71.3935,
78.3526

■ 42.1138, 28.2286,
29.5357

■ 78.5562, 84.8729,
91.7506

■ 39.0616, 23.8779,
23.1118

■ 85.5805, 95.1810,
105.6236

■ 36.7330, 20.7280,
17.6889

■ 86.1234, 95.3982,
108.4822

■ 35.0602, 18.6541,
13.2105

■ 33.9605, 17.5031,
9.6122

■ 33.5836, 17.1663,
8.2012

Harmonies

Analogous

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



54.6153, 49.5015, 68.5670



56.1703, 49.5015, 55.3095



55.1565, 49.5015, 43.5556

Triad

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



56.1703, 49.5015, 55.3095



43.2840, 49.5015, 34.7574



42.4888, 49.5015, 77.2343

Complementary

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



56.1703, 49.5015, 55.3095



56.4488, 69.3510, 71.3869

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.



39.7789, 49.5015, 65.7619



56.1703, 49.5015, 55.3095



40.2172, 49.5015, 41.4875

Square

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



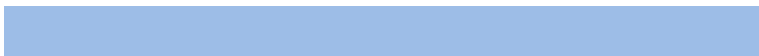
56.1703, 49.5015, 55.3095



47.5398, 49.5015, 32.8557



38.9740, 49.5015, 52.5121



46.5630, 49.5015, 82.4232

Rectangle

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



56.1703, 49.5015, 55.3095



53.1933, 49.5015, 37.8746



38.9740, 49.5015, 52.5121



41.3983, 49.5015, 73.9041

Sweetspot

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



56.1717, 49.5038, 55.3105



86.7533, 86.8156, 95.6247



55.1911, 48.4381, 80.5700



18.2547, 18.0852, 19.9582



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.



56.1717, 49.5038, 55.3105



68.1061, 57.6385, 64.3842



56.1217, 52.5129, 45.7088



14.5707, 14.4454, 15.9395



19.2507, 9.8345, 4.9490



1.4641, 0.7434, 0.5846

Inverse Universe

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



56.1717, 49.5038, 55.3105



68.1061, 57.6385, 64.3842



56.3577, 65.1537, 83.7349



14.5707, 14.4454, 15.9395



19.2507, 9.8345, 4.9490



1.4641, 0.7434, 0.5846

Previews

White Background



This preview shows how the XYZ color 56.1703, 49.5015, 55.3095 looks on a white background.

Color Contrast Check

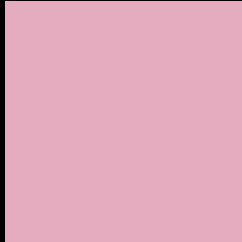
Large Text (above 18pt) WCAG AA × Fail

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 56.1703, 49.5015, 55.3095 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

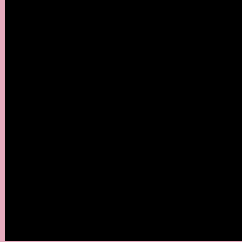
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.1703, 49.5015, 55.3095

Background



This preview shows how black text looks on a background with the XYZ color 56.1703, 49.5015, 55.3095.



This preview shows how white text looks on a background with the XYZ color 56.1703, 49.5015,

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

56.1703, 49.5015, 55.3095

Protanopia

48.3612, 49.8061, 61.0975

Deuteranopia

50.5028, 49.5160, 54.4727



Tritanopia

55.5044, 49.5018, 52.5283

Trichromacy



Original Color

56.1703, 49.5015, 55.3095

Protanomaly

50.8448, 49.5898, 59.1165

Deuteranomaly

52.3480, 49.2645, 54.8941

Tritanomaly

55.7171, 49.5869, 53.6483

Monochromacy



Original Color

56.1703, 49.5015, 55.3095

Achromatopsia

49.5206, 52.0996, 56.7364

Achromatomaly

51.7213, 51.0217, 56.4124

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.1703, 49.5015, 55.3095 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(229, 171, 190)` looks like.

```
.text, #text, p{  
    color:rgb(229, 171, 190)  
}
```

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(229, 171, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 171, 190) }
```

Border

The CSS property to change the border of an element to XYZ 56.1703, 49.5015, 55.3095 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(229, 171, 190) }
```


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

```
.border{ border-color:rgb(229, 171, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 171, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 171, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 171, 190);  
box-shadow:4px 4px 4px 4px rgb(229, 171,  
190) }
```

Background

The CSS property to change the background color of an element to XYZ 56.1703, 49.5015, 55.3095 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 171, 190) }
```

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

```
.background{ background-color: rgb(229,  
171, 190) }
```

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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