

Converting Colors

XYZ(56.4639, 51.8348, 51.7895)

Have a look what the booklet for
XYZ(56.4639, 51.8348, 51.7895)
contains.

XYZ(56.4625, 51.7537, 51.8133)	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(56.4625, 51.7537,
51.8133)**

Conversions

Conversions Part 1

Format	Color
Hex	E4B2B7
RGB	228, 178, 183
RGB Percent	89%, 70%, 72%
CMY	0.1059, 0.3019, 0.2823
CMYK	0.00, 0.22, 0.20, 0.11
HSL	354°, 48%, 80%
HSV	354°, 22%, 89%
XYZ	56.4625, 51.7537, 51.8133
YIQ	193.5200, 28.1950, 12.1550

Conversions

Conversions Part 2

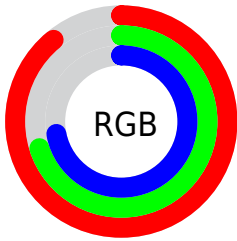
Format	Color
R _Y B	228, 178, 183
Decimal	14987959
CIE Lab	77.13, 18.88, 4.43
CIE LCh	77, 19.394, 13.208
Yxy	51.7537, 0.3528, 0.3234
Android (android.graphics.Color)	4293178039 (0xFFE4B2B7)
YUV	193.5200, -5.1864, 30.2390
Hunter-Lab	71.9400, 14.2015, 7.6557

Details

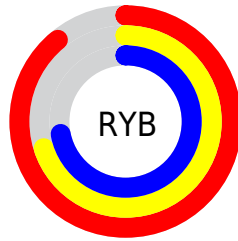
The XYZ color **56.4625, 51.7537, 51.8133** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **59.4249, 70.2806, 80.2490**, and the grayscale version is **51.0139, 53.6705, 58.4472**.

A 20% lighter version of the original color is **86.2428, 86.3376, 93.7807**, and **28.3761, 25.0496, 24.4586** is the 20% darker color. If you saturate the color by 10%, you get **50.3149, 42.6310, 39.9830**, and if you desaturate by 10%, it is **63.6784, 62.5136, 65.5374**.

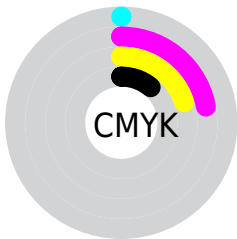
Distribution



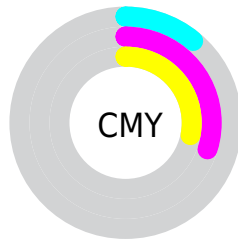
- Red (89%)
- Green (70%)
- Blue (72%)



- Red (89%)
- Yellow (70%)
- Blue (72%)



- Cyan (0%)
- Magenta (22%)
- Yellow (20%)
- Black (11%)





- Cyan (11%)
- Magenta (30%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 56.4625, 51.7537, 51.8133 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 56.4625, 51.7537, 51.8133 by changing the saturation by 10% instead.


 56.4625, 51.7537,
51.8133

 56.4625, 51.7537,
51.8133


401.4790,
393.4850, 410.6518

 40.8123, 36.8088,
36.4751

 98.8164, 92.7679,
94.2796

 28.3595, 25.0595,
24.5087


126.2508,
119.6060, 122.2448

 18.7387, 16.1214,
15.4957


158.3439,
151.1772, 155.2560

 11.5845, 9.6101,
9.0176

195.4613,
187.8661, 193.7318

 6.5316, 5.1412,
4.6557

237.9681,
230.0569, 238.0908

 3.2146, 2.3304,
1.9915

286.2297,

 1.2683, 0.7897,

278.1340, 288.7514

0.5500

340.6116,
332.4819, 346.1322

■ 0.1593, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.4625, 51.7537,
51.8133

■ 56.4625, 51.7537,
51.8133

■ 50.3149, 42.6310,
39.9830

■ 63.6784, 62.5136,
65.5374

■ 45.1807, 35.0585,
29.9602

■ 72.0055, 74.9780,
81.2301

■ 41.0065, 28.9522,
21.6566

■ 81.4897, 89.2189,
98.9658

■ 37.7322, 24.2169,
14.9754

■ 85.8050, 95.2340,
108.4673

■ 35.2912, 20.7465,
9.8100

■ 33.6073, 18.4190,
6.0409

■ 32.5900, 17.0887,
3.5306

■ 32.1475, 16.5550,
2.3003

Harmonies

Analogous

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



56.3361, 51.7537, 62.4577



56.4625, 51.7537, 51.8133



54.5717, 51.7537, 43.4961

Triad

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



56.4625, 51.7537, 51.8133



44.4690, 51.7537, 42.7409



47.1594, 51.7537, 78.2452

Complementary

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



56.4625, 51.7537, 51.8133



59.4249, 70.2806, 80.2490

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.



44.1749, 51.7537, 71.5177



56.4625, 51.7537, 51.8133



42.6759, 51.7537, 50.6559

Square

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



56.4625, 51.7537, 51.8133



47.5793, 51.7537, 38.7192



42.5710, 51.7537, 61.1461



50.8374, 51.7537, 78.6572

Rectangle

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



56.4625, 51.7537, 51.8133



52.4743, 51.7537, 40.0196



42.5710, 51.7537, 61.1461



46.0463, 51.7537, 76.6122

Sweetspot

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



56.4639, 51.7561, 51.8144



87.1378, 88.1433, 94.0306



60.3569, 53.1327, 80.4735



18.5124, 18.6587, 19.8649



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.



56.4639, 51.7561, 51.8144



69.2602, 61.4811, 60.0391



60.2264, 60.0984, 50.5484



14.4352, 14.3913, 15.2262



18.5829, 9.5674, 1.4325



1.3932, 0.7150, 0.2109

Inverse Universe

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



56.4639, 51.7561, 51.8144



69.2602, 61.4811, 60.0391



54.9215, 60.1801, 82.1203



14.4352, 14.3913, 15.2262



18.5829, 9.5674, 1.4325



1.3932, 0.7150, 0.2109

Previews

White Background



This preview shows how the XYZ color 56.4625, 51.7537, 51.8133 looks on a white background.

Color Contrast Check

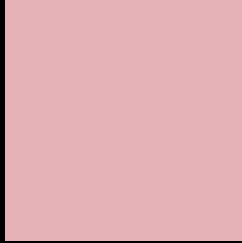
Large Text (above 18pt) WCAG AA × Fail

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 56.4625, 51.7537, 51.8133 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

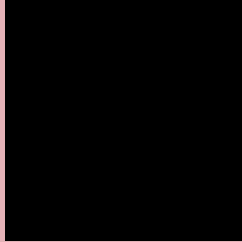
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.4625, 51.7537, 51.8133

Background



This preview shows how black text looks on a background with the XYZ color 56.4625, 51.7537, 51.8133.



This preview shows how white text looks on a background with the XYZ color 56.4625, 51.7537,

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

56.4625, 51.7537, 51.8133

Protanopia

49.9559, 52.0140, 56.1219

Deuteranopia

52.7354, 51.6554, 51.4470



Tritanopia

57.3295, 51.8200, 55.6959

Trichromacy



Original Color

56.4625, 51.7537, 51.8133

Protanomaly

51.9821, 51.8275, 54.2777

Deuteranomaly

54.0849, 51.7387, 51.3920

Tritanomaly

57.0049, 51.6902, 53.9864

Monochromacy



Original Color

56.4625, 51.7537, 51.8133

Achromatopsia

51.2775, 53.9479, 58.7493

Achromatomaly

52.7311, 52.8060, 56.1285

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.4625, 51.7537, 51.8133 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(228, 178, 183)` looks like.

```
.text, #text, p{  
    color:rgb(228, 178, 183)  
}
```

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(228, 178, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 178, 183) }
```

Border

The CSS property to change the border of an element to XYZ 56.4625, 51.7537, 51.8133 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(228, 178, 183) }
```


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

```
.border{ border-color:rgb(228, 178, 183) }
```

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

Here you see how a box with a 4 pixel rgb(228, 178, 183) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 178, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 178, 183);  
box-shadow:4px 4px 4px 4px rgb(228, 178,  
183) }
```

Background

The CSS property to change the background color of an element to XYZ 56.4625, 51.7537, 51.8133 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 178, 183) }
```

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

```
.background{ background-color: rgb(228,  
178, 183) }
```

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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