

Converting Colors

XYZ(56.8261, 51.5247, 55.9077)

Have a look what the booklet for
XYZ(56.8261, 51.5247, 55.9077)
contains.

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Color

**XYZ(56.6950, 51.4929,
55.6662)**

Conversions

Conversions Part 1

Format	Color
Hex	E3B1BE
RGB	227, 177, 190
RGB Percent	89%, 69%, 75%
CMY	0.1098, 0.3059, 0.2549
CMYK	0.00, 0.22, 0.16, 0.11
HSL	344°, 47%, 79%
HSV	344°, 22%, 89%
XYZ	56.6950, 51.4929, 55.6662
YIQ	193.4320, 25.6270, 14.6430

Conversions

Conversions Part 2

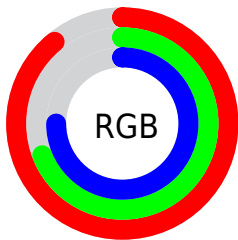
Format	Color
RYB	227, 177, 190
Decimal	14922174
CIELab	76.98, 20.13, 0.38
CIElCh	77, 20.136, 1.090
Yxy	51.4929, 0.3460, 0.3143
Android (android.graphics.Color)	4293112254 (0xFFE3B1BE)
YUV	193.4320, -1.6920, 29.4391
Hunter-Lab	71.7586, 15.4518, 4.2372

Details

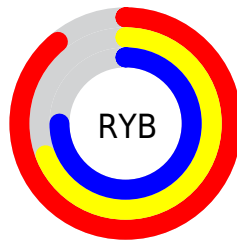
The XYZ color **56.6950, 51.4929, 55.6662** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **57.7403, 69.1417, 73.9242**, and the grayscale version is **50.9431, 53.5961, 58.3662**.

A 20% lighter version of the original color is **87.0135, 86.1916, 99.2393**, and **28.5176, 24.8794, 26.9661** is the 20% darker color. If you saturate the color by 10%, you get **50.8473, 42.5681, 45.1742**, and if you desaturate by 10%, it is **63.5031, 61.9986, 67.5238**.

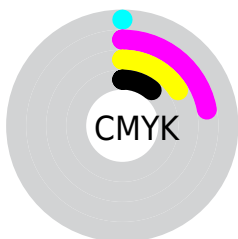
Distribution



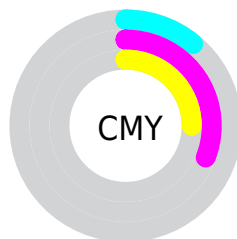
- Red (89%)
- Green (69%)
- Blue (75%)



- Red (89%)
- Yellow (69%)
- Blue (75%)



- Cyan (0%)
- Magenta (22%)
- Yellow (16%)
- Black (11%)





- Cyan (11%)
- Magenta (31%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 56.6950, 51.4929, 55.6662 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 56.6950, 51.4929, 55.6662 by changing the saturation by 10% instead.


 56.6950, 51.4929,
55.6662

 56.6950, 51.4929,
55.6662


402.3381,
392.4758, 425.7852

 40.9996, 36.6010,
39.5332

 99.1539, 92.3829,
99.9973

 28.5064, 24.8987,
26.8637


126.6482,
119.1499, 129.0324

 18.8502, 16.0016,
17.2394

158.8061,
150.6440, 163.2053

 11.6654, 9.5253,
10.2415

195.9931,
187.2497, 202.9345

 6.5869, 5.0854,
5.4517

238.5744,
229.3513, 248.6385

 3.2491, 2.2974,
2.4513

286.9154,

 1.2868, 0.7724,

277.3333, 300.7360

0.8142

341.3816,
331.5800, 359.6454

■ 0.1733, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.6950, 51.4929,
55.6662

■ 56.6950, 51.4929,
55.6662

■ 50.8473, 42.5681,
45.1742

■ 63.5031, 61.9986,
67.5238

■ 45.9116, 35.1407,
35.9945

■ 71.3083, 74.1495,
80.7909

■ 41.8417, 29.1299,
28.0751

■ 80.1508, 88.0149,
95.5138

■ 38.5859, 24.4446,
21.3590

■ 85.4888, 95.0710,
108.4525

■ 36.0862, 20.9829,
15.7850

■ 34.2768, 18.6282,
11.2853

■ 33.0798, 17.2402,
7.7846

■ 32.4684, 16.6469,
5.6405

Harmonies

Analogous

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



55.6884, 51.4929, 66.9138



56.6950, 51.4929, 55.6662



55.5357, 51.4929, 45.8495

Triad

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



56.6950, 51.4929, 55.6662



45.2310, 51.4929, 39.8506



45.4620, 51.4929, 76.6698

Complementary

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



56.6950, 51.4929, 55.6662



57.7403, 69.1417, 73.9242

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.



42.8929, 51.4929, 67.6998



56.6950, 51.4929, 55.6662



42.7645, 51.4929, 46.4607

Square

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



56.6950, 51.4929, 55.6662



48.8023, 51.4929, 37.4850



41.9310, 51.4929, 56.4697



49.0829, 51.4929, 79.9547

Rectangle

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



56.6950, 51.4929, 55.6662



53.7238, 51.4929, 41.1815



41.9310, 51.4929, 56.4697



44.4535, 51.4929, 74.1662

Sweetspot

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



56.6964, 51.4952, 55.6673



87.5631, 88.3135, 96.2702



57.2234, 51.2389, 79.5478



18.6106, 18.6980, 20.3820



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.



56.6964, 51.4952, 55.6673



70.5057, 61.9793, 66.5976



57.7421, 55.7594, 49.3171



14.5300, 14.4292, 15.7254



18.9761, 9.7247, 3.5031



1.4396, 0.7335, 0.4552

Inverse Universe

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



56.6964, 51.4952, 55.6673



70.5057, 61.9793, 66.5976



56.3839, 63.6657, 81.9906



14.5300, 14.4292, 15.7254



18.9761, 9.7247, 3.5031



1.4396, 0.7335, 0.4552

Previews

White Background



This preview shows how the XYZ color 56.6950, 51.4929, 55.6662 looks on a white background.

Color Contrast Check

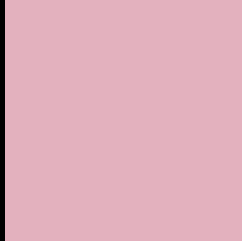
Large Text (above 18pt) WCAG AA × Fail

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 56.6950, 51.4929, 55.6662 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

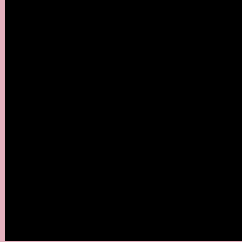
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.6950, 51.4929, 55.6662

Background



This preview shows how black text looks on a background with the XYZ color 56.6950, 51.4929, 55.6662.



This preview shows how white text looks on a background with the XYZ color 56.6950, 51.4929,

55.6662.

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

56.6950, 51.4929, 55.6662

Protanopia

50.0139, 51.6329, 60.1535

Deuteranopia

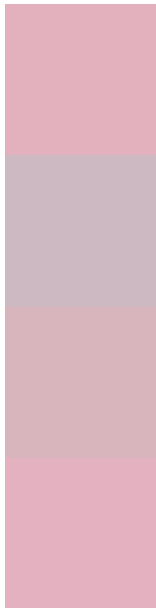
52.6203, 51.5104, 55.3132



Tritanopia

56.8047, 51.5368, 56.2439

Trichromacy



Original Color

56.6950, 51.4929, 55.6662

Protanomaly

52.2634, 51.5721, 58.2388

Deuteranomaly

54.0281, 51.3208, 55.2024

Tritanomaly

56.8047, 51.5368, 56.2439

Monochromacy



Original Color

56.6950, 51.4929, 55.6662

Achromatopsia

50.6879, 53.3276, 58.0738

Achromatomaly

52.4616, 52.3256, 57.2040

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.6950, 51.4929, 55.6662 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(227, 177, 190)` looks like.

```
.text, #text, p{  
    color:rgb(227, 177, 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(227, 177, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 177, 190) }
```

Border

The CSS property to change the border of an element to XYZ 56.6950, 51.4929, 55.6662 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(227, 177, 190) }
```


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

```
.border{ border-color:rgb(227, 177, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 177, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 177, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 177, 190);  
box-shadow:4px 4px 4px 4px rgb(227, 177,  
190) }
```

Background

The CSS property to change the background color of an element to XYZ 56.6950, 51.4929, 55.6662 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 177, 190) }
```

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

```
.background{ background-color: rgb(227,  
177, 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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