

Converting Colors

XYZ(61.3034, 56.6813, 69.7253)

Have a look what the booklet for
XYZ(61.3034, 56.6813, 69.7253)
contains.

XYZ(61.3325, 56.6250, 69.9845)	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(61.3325, 56.6250,
69.9845)**

Conversions

Conversions Part 1

Format	Color
Hex	E3BBD4
RGB	227, 187, 212
RGB Percent	89%, 73%, 83%
CMY	0.1098, 0.2666, 0.1686
CMYK	0.00, 0.18, 0.07, 0.11
HSL	323°, 42%, 81%
HSV	323°, 18%, 89%
XYZ	61.3325, 56.6250, 69.9845
YIQ	201.8100, 15.8150, 16.2550

Conversions

Conversions Part 2

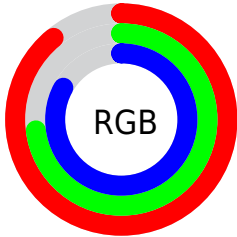
Format	Color
R _Y B	227, 187, 212
Decimal	14924756
CIE Lab	79.97, 18.41, -7.14
CIE LCh	80, 19.749, 338.809
Yxy	56.6250, 0.3263, 0.3013
Android (android.graphics.Color)	4293114836 (0xFFE3BBD4)
YUV	201.8100, 5.0237, 22.0916
Hunter-Lab	75.2496, 13.8004, -2.4669

Details

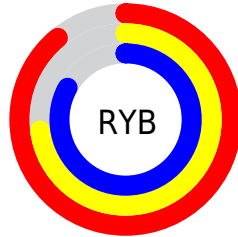
The XYZ color **61.3325, 56.6250, 69.9845** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **58.6255, 69.7687, 66.2571**, and the grayscale version is **55.9848, 58.9003, 64.1425**.

A 20% lighter version of the original color is **91.3406, 92.5812, 107.6635**, and **31.4055, 28.1424, 35.6751** is the 20% darker color. If you saturate the color by 10%, you get **55.8468, 47.3265, 62.9967**, and if you desaturate by 10%, it is **67.6393, 67.4735, 77.5267**.

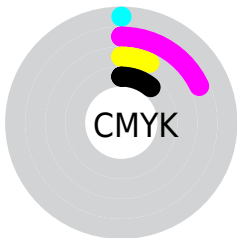
Distribution



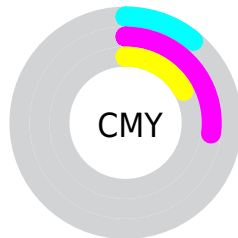
- Red (89%)
- Green (73%)
- Blue (83%)



- Red (89%)
- Yellow (73%)
- Blue (83%)



- Cyan (0%)
- Magenta (18%)
- Yellow (7%)
- Black (11%)



- Cyan (11%)
- Magenta (27%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.3325, 56.6250, 69.9845 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 61.3325, 56.6250, 69.9845 by changing the saturation by 10% instead.

61.3325, 56.6250,
69.9845

61.3325, 56.6250,
69.9845

419.2485,
412.0426, 479.2832

44.7471, 40.7042,
51.0372

105.8556, 99.9178,
120.8676

31.4587, 28.0881,
35.8613

134.5241,
128.0586, 153.6404

21.1019, 18.3920,
24.0382

167.9509,
161.0416, 191.8588

13.3114, 11.2318,
15.1495

206.5015,
199.2512, 235.9413

7.7218, 6.2230,
8.7766

250.5412,
243.0716, 286.3064

3.9678, 2.9811,
4.5009

300.4354,

1.6839, 1.1219,

292.8874, 343.3728

1.9040

356.5494,
349.0830, 407.5589

■ 0.4462, 0.0000,
0.4953

■ 0.0000, 0.0000,
0.0000

■ 61.3325, 56.6250,
69.9845

■ 61.3325, 56.6250,
69.9845

■ 55.8468, 47.3265,
62.9967

■ 67.6393, 67.4735,
77.5267

■ 51.1407, 39.4987,
56.5433

■ 74.7965, 79.9316,
85.6353

■ 47.1765, 33.0669,
50.6079

■ 82.8041, 93.9972,
94.3150

■ 43.9111, 27.9465,
45.1719

■ 84.0818, 94.5082,
101.0430

■ 41.2970, 24.0437,
40.2147

■ 85.4194, 95.0433,
108.0866

■ 39.2803, 21.2521,
35.7136

■ 85.4889, 95.0711,
108.4525

■ 37.7976, 19.4469,
31.6427

■ 36.7635, 18.4588,
27.9686

■ 36.5514, 18.2801,
27.1410

Harmonies

Analogous

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



58.7976, 56.6250, 80.5079



61.3325, 56.6250, 69.9845



61.8032, 56.6250, 58.3354

Triad

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



61.3325, 56.6250, 69.9845



52.6484, 56.6250, 42.3105



48.0342, 56.6250, 76.5522

Complementary

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



61.3325, 56.6250, 69.9845



58.6255, 69.7687, 66.2571

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.



46.5564, 56.6250, 65.0982



61.3325, 56.6250, 69.9845



49.1322, 56.6250, 46.0022

Square

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



61.3325, 56.6250, 69.9845



56.6552, 56.6250, 43.2765



46.9481, 56.6250, 54.0141



51.0817, 56.6250, 84.6150

Rectangle

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



61.3325, 56.6250, 69.9845



60.8614, 56.6250, 51.6163



46.9481, 56.6250, 54.0141



47.3444, 56.6250, 72.9175

Sweetspot

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



61.3341, 56.6275, 69.9857



90.3562, 91.8290, 103.5845



55.9048, 53.5997, 80.0730



19.2036, 19.4187, 22.0147



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.



61.3341, 56.6275, 69.9857



77.2151, 69.2368, 87.8287



59.0023, 55.6948, 57.7062



14.7539, 14.5187, 16.9044



21.3750, 10.6842, 16.1357



1.6242, 0.8074, 1.4277

Inverse Universe

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



61.3341, 56.6275, 69.9857



77.2151, 69.2368, 87.8287



61.1046, 70.7603, 79.3119



14.7539, 14.5187, 16.9044



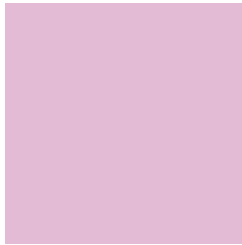
21.3750, 10.6842, 16.1357



1.6242, 0.8074, 1.4277

Previews

White Background



This preview shows how the XYZ color 61.3325, 56.6250, 69.9845 looks on a white background.

Color Contrast Check

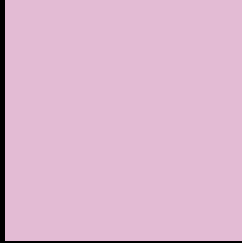
Large Text (above 18pt) WCAG AA × Fail

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 61.3325, 56.6250, 69.9845 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

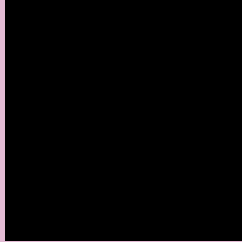
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.3325, 56.6250, 69.9845

Background



This preview shows how black text looks on a background with the XYZ color 61.3325, 56.6250, 69.9845.



This preview shows how white text looks on a background with the XYZ color 61.3325, 56.6250,

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

61.3325, 56.6250, 69.9845

Protanopia

55.3861, 56.7302, 74.3605

Deuteranopia

57.9792, 56.8401, 69.5434



Tritanopia

60.1267, 56.4470, 64.2262

Trichromacy



Original Color

61.3325, 56.6250, 69.9845

Protanomaly

57.1968, 56.3632, 72.8303

Deuteranomaly

59.0039, 56.7165, 69.4655

Tritanomaly

60.4878, 56.5914, 66.1277

Monochromacy



Original Color

61.3325, 56.6250, 69.9845

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

57.9708, 58.2376, 66.5781

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.3325, 56.6250, 69.9845 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, 187, 212)` looks like.

```
.text, #text, p{  
    color:rgb(227, 187, 212)  
}
```

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, 187, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 187, 212) }
```

Border

The CSS property to change the border of an element to XYZ 61.3325, 56.6250, 69.9845 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, 187, 212) }
```


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

```
.border{ border-color:rgb(227, 187, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 187, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(227, 187, 212); -webkit-box-shadow:4px 4px 4px 4px rgb(227, 187, 212); box-shadow:4px 4px 4px 4px rgb(227, 187, 212) }
```

Background

The CSS property to change the background color of an element to XYZ 61.3325, 56.6250, 69.9845 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 187, 212) }
```

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

```
.background{ background-color: rgb(227,  
187, 212) }
```

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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