

Converting Colors

XYZ(61.0455, 56.6838, 61.7175)

Have a look what the booklet for
XYZ(61.0455, 56.6838, 61.7175)
contains.

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Color

**XYZ(61.0341, 56.6531,
61.7511)**

Conversions

Conversions Part 1

Format	Color
Hex	E7BBC7
RGB	231, 187, 199
RGB Percent	91%, 73%, 78%
CMY	0.0941, 0.2666, 0.2196
CMYK	0.00, 0.19, 0.14, 0.09
HSL	344°, 48%, 82%
HSV	344°, 19%, 91%
XYZ	61.0341, 56.6531, 61.7511
YIQ	201.5240, 22.3720, 13.0600

Conversions

Conversions Part 2

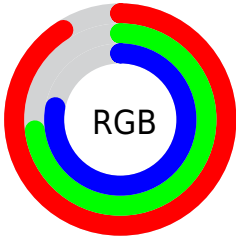
Format	Color
R _Y B	231, 187, 199
Decimal	15186887
CIE Lab	79.98, 17.64, -0.06
CIE LCh	80, 17.644, 359.810
Yxy	56.6531, 0.3401, 0.3157
Android (android.graphics.Color)	4293376967 (0xFFE7BBC7)
YUV	201.5240, -1.2443, 25.8505
Hunter-Lab	75.2683, 13.0240, 4.0455

Details

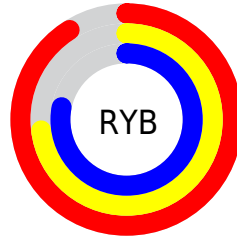
The XYZ color **61.0341, 56.6531, 61.7511** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **61.8579, 72.8325, 77.8192**, and the grayscale version is **55.8417, 58.7498, 63.9785**.

A 20% lighter version of the original color is **91.3406, 92.5812, 107.6635**, and **31.3151, 28.2085, 30.5824** is the 20% darker color. If you saturate the color by 10%, you get **54.6779, 46.8918, 50.5334**, and if you desaturate by 10%, it is **68.3971, 68.0821, 74.3685**.

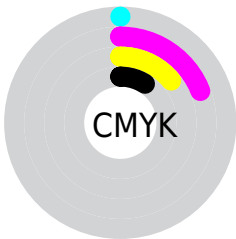
Distribution



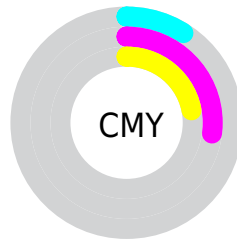
- Red (91%)
- Green (73%)
- Blue (78%)



- Red (91%)
- Yellow (73%)
- Blue (78%)



- Cyan (0%)
- Magenta (19%)
- Yellow (14%)
- Black (9%)





- Cyan (9%)
- Magenta (27%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 61.0341, 56.6531, 61.7511 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 61.0341, 56.6531, 61.7511 by changing the saturation by 10% instead.

 61.0341, 56.6531,
61.7511

 61.0341, 56.6531,
61.7511


418.1729,
412.1482, 449.0052

 44.5053, 40.7268,
44.3971


 105.4261, 99.9588,
108.9338

 31.2676, 28.1057,
30.6433

134.0201,
128.1071, 139.5997

 20.9555, 18.4053,
20.0712


167.3666,
161.0980, 175.5398

 13.2038, 11.2414,
12.2622

205.8308,
199.3162, 217.1729

 7.6470, 6.2294,
6.7978

249.7782,
243.1459, 264.9175

 3.9198, 2.9851,
3.2595

299.5741,

 1.6569, 1.1240,

292.9715, 319.1920

1.2286

355.5839,
349.1775, 380.4151

■ 0.4290, 0.0000,
0.0022

■ 0.0000, 0.0000,
0.0000

■ 61.0341, 56.6531,
61.7511

■ 61.0341, 56.6531,
61.7511

■ 54.6779, 46.8918,
50.5334

■ 68.3971, 68.0821,
74.3685

■ 49.2793, 38.7126,
40.6625

■ 76.8040, 81.2440,
88.4286

■ 44.7917, 32.0337,
32.0874

■ 85.8776, 95.3740,
103.8378

■ 41.1628, 26.7629,
24.7524

■ 86.7652, 95.7290,
108.5123

■ 38.3349, 22.7977,
18.5975

■ 36.2425, 20.0217,
13.5571

■ 34.8093, 18.2974,
9.5585

■ 33.9214, 17.4138,
6.5120

■ 33.8520, 17.3478,
6.2646

Harmonies

Analogous

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



60.0239, 56.6531, 72.1486



61.0341, 56.6531, 61.7511



60.0485, 56.6531, 52.3881

Triad

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



61.0341, 56.6531, 61.7511



50.4944, 56.6531, 46.1012



50.4565, 56.6531, 80.3592

Complementary

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



61.0341, 56.6531, 61.7511



61.8579, 72.8325, 77.8192

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.



48.0880, 56.6531, 72.0228



61.0341, 56.6531, 61.7511



48.1092, 56.6531, 52.2864

Square

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



61.0341, 56.6531, 61.7511



53.8699, 56.6531, 43.9846



47.2476, 56.6531, 61.6201



53.8242, 56.6531, 83.5936

Rectangle

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



61.0341, 56.6531, 61.7511



58.4163, 56.6531, 47.8080



47.2476, 56.6531, 61.6201



49.5226, 56.6531, 78.0182

Sweetspot

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



61.0357, 56.6556, 61.7523



88.6215, 89.9275, 98.1727



61.2693, 56.3007, 83.2397



18.8251, 19.0239, 20.7717



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.



61.0357, 56.6556, 61.7523



72.9858, 65.6687, 71.3420



61.7870, 60.3001, 55.3994



14.5376, 14.4322, 15.7655



19.0225, 9.7432, 3.7473



1.4439, 0.7353, 0.4779

Inverse Universe

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



61.0357, 56.6556, 61.7523



72.9858, 65.6687, 71.3420



60.8991, 68.2957, 85.5745



14.5376, 14.4322, 15.7655



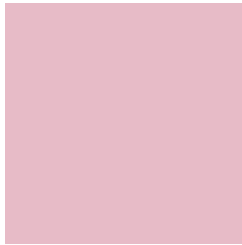
19.0225, 9.7432, 3.7473



1.4439, 0.7353, 0.4779

Previews

White Background



This preview shows how the XYZ color 61.0341, 56.6531, 61.7511 looks on a white background.

Color Contrast Check

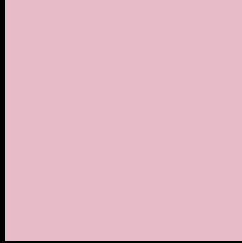
Large Text (above 18pt) WCAG AA × Fail

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 61.0341, 56.6531, 61.7511 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

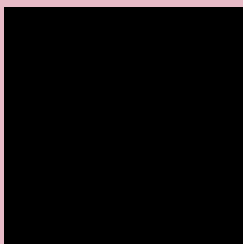
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.0341, 56.6531, 61.7511

Background



This preview shows how black text looks on a background with the XYZ color 61.0341, 56.6531, 61.7511.



This preview shows how white text looks on a background with the XYZ color 61.0341, 56.6531,

61.7511.

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

61.0341, 56.6531, 61.7511

Protanopia

54.8051, 56.6196, 65.7978

Deuteranopia

57.9561, 56.6819, 61.3122



Tritanopia

61.2679, 56.7466, 62.9824

Trichromacy



Original Color

61.0341, 56.6531, 61.7511

Protanomaly

56.7134, 56.3006, 64.3779

Deuteranomaly

59.0379, 56.5921, 61.2378

Tritanomaly

61.1506, 56.6997, 62.3647

Monochromacy



Original Color

61.0341, 56.6531, 61.7511

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

57.9494, 58.2957, 63.4563

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.0341, 56.6531, 61.7511 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(231, 187, 199)` looks like.

```
.text, #text, p{  
    color:rgb(231, 187, 199)  
}
```

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(231, 187, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 187, 199) }
```

Border

The CSS property to change the border of an element to XYZ 61.0341, 56.6531, 61.7511 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(231, 187, 199) }
```


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

```
.border{ border-color:rgb(231, 187, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 187, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 187, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 187, 199);  
box-shadow:4px 4px 4px 4px rgb(231, 187,  
199) }
```

Background

The CSS property to change the background color of an element to XYZ 61.0341, 56.6531, 61.7511 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 187, 199) }
```

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

```
.background{ background-color: rgb(231,  
187, 199) }
```

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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