

Converting Colors

XYZ(60.2492, 56.6813, 61.7163)

Have a look what the booklet for
XYZ(60.2492, 56.6813, 61.7163)
contains.

XYZ(60.2869, 56.5839, 61.7772)	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(60.2869, 56.5839,
61.7772)**

Conversions

Conversions Part 1

Format	Color
Hex	E4BCC7
RGB	228, 188, 199
RGB Percent	89%, 74%, 78%
CMY	0.1059, 0.2627, 0.2196
CMYK	0.00, 0.18, 0.13, 0.11
HSL	344°, 43%, 82%
HSV	344°, 18%, 89%
XYZ	60.2869, 56.5839, 61.7772
YIQ	201.2140, 20.3090, 11.9010

Conversions

Conversions Part 2

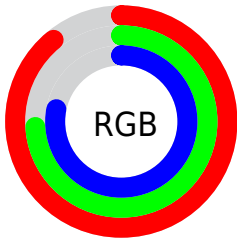
Format	Color
R _Y B	228, 188, 199
Decimal	14990535
CIE Lab	79.94, 16.04, -0.15
CIE LCh	80, 16.045, 359.467
Yxy	56.5839, 0.3375, 0.3167
Android (android.graphics.Color)	4293180615 (0xFFE4BCC7)
YUV	201.2140, -1.0915, 23.4913
Hunter-Lab	75.2223, 11.4199, 3.9630

Details

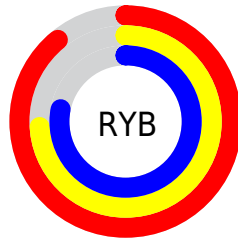
The XYZ color **60.2869, 56.5839, 61.7772** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **61.0090, 71.1893, 76.1743**, and the grayscale version is **55.6491, 58.5472, 63.7579**.

A 20% lighter version of the original color is **91.6407, 93.1814, 107.7636**, and **30.7881, 28.1429, 30.5975** is the 20% darker color. If you saturate the color by 10%, you get **53.9795, 46.8754, 50.7137**, and if you desaturate by 10%, it is **67.5755, 67.9198, 74.1979**.

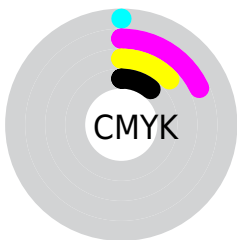
Distribution



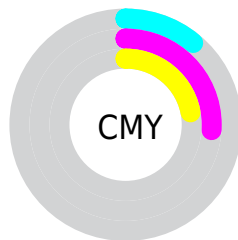
- Red (89%)
- Green (74%)
- Blue (78%)



- Red (89%)
- Yellow (74%)
- Blue (78%)



- Cyan (0%)
- Magenta (18%)
- Yellow (13%)
- Black (11%)





- Cyan (11%)
- Magenta (26%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.2869, 56.5839, 61.7772 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 60.2869, 56.5839, 61.7772 by changing the saturation by 10% instead.


 60.2869, 56.5839,
61.7772

 60.2869, 56.5839,
61.7772


415.4723,
411.8883, 449.1031

 43.9003, 40.6713,
44.4181


 104.3497, 99.8578,
108.9719

 30.7897, 28.0623,
30.6597


132.7566,
127.9878, 139.6446

 20.5898, 18.3726,
20.0836


165.9010,
160.9591, 175.5922

 12.9352, 11.2178,
12.2711

204.1482,
199.1561, 217.2333

 7.4607, 6.2136,
6.8038

247.8635,
242.9631, 264.9864

 3.8007, 2.9754,
3.2631

297.4124,

 1.5900, 1.1189,

292.7645, 319.2700

1.2305

353.1602,
348.9448, 380.5028

■ 0.3859, 0.0000,
0.0038

■ 0.0000, 0.0000,
0.0000

■ 60.2869, 56.5839,
61.7772

■ 60.2869, 56.5839,
61.7772

■ 53.9795, 46.8754,
50.7137

■ 67.5755, 67.9198,
74.1979

■ 48.6058, 38.7118,
40.9570

■ 75.8805, 80.9453,
88.0167

■ 44.1216, 32.0152,
32.4583

■ 84.7911, 94.8285,
103.1275

■ 40.4769, 26.6975,
25.1648

■ 85.8052, 95.2341,
108.4673

■ 37.6167, 22.6613,
19.0193

■ 35.4791, 19.7962,
13.9599

■ 33.9923, 17.9728,
9.9179

■ 33.0616, 17.0180,
6.8130

■ 32.8836, 16.8495,
6.1757

Harmonies

Analogous

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



59.3554, 56.5839, 71.1744



60.2869, 56.5839, 61.7772



59.4176, 56.5839, 53.2053

Triad

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



60.2869, 56.5839, 61.7772



50.7603, 56.5839, 47.2826



50.6633, 56.5839, 78.3782

Complementary

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



60.2869, 56.5839, 61.7772



61.0090, 71.1893, 76.1743

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.



48.5132, 56.5839, 70.8568



60.2869, 56.5839, 61.7772



48.5676, 56.5839, 52.9437

Square

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



60.2869, 56.5839, 61.7772



53.8396, 56.5839, 45.3658



47.7614, 56.5839, 61.4436



53.7231, 56.5839, 81.3323

Rectangle

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



60.2869, 56.5839, 61.7772



57.9530, 56.5839, 48.9644



47.7614, 56.5839, 61.4436



49.8148, 56.5839, 76.2651

Sweetspot

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



60.2885, 56.5864, 61.7784



89.6636, 91.5520, 99.9376



60.5050, 56.2712, 81.0719



19.0355, 19.3514, 21.1291



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.



60.2885, 56.5864, 61.7784



74.6487, 68.2102, 74.3143



60.9645, 59.9085, 55.9303



14.5390, 14.4328, 15.7727



19.0310, 9.7466, 3.7923



1.4447, 0.7356, 0.4821

Inverse Universe

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



60.2885, 56.5864, 61.7784



74.6487, 68.2102, 74.3143



60.1631, 67.1316, 83.1861



14.5390, 14.4328, 15.7727



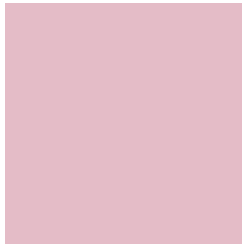
19.0310, 9.7466, 3.7923



1.4447, 0.7356, 0.4821

Previews

White Background



This preview shows how the XYZ color 60.2869, 56.5839, 61.7772 looks on a white background.

Color Contrast Check

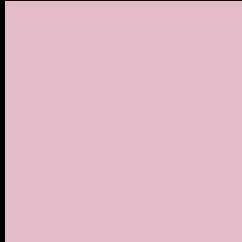
Large Text (above 18pt) WCAG AA × Fail

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 60.2869, 56.5839, 61.7772 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

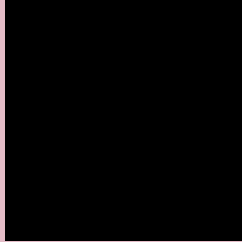
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.2869, 56.5839, 61.7772

Background



This preview shows how black text looks on a background with the XYZ color 60.2869, 56.5839, 61.7772.



This preview shows how white text looks on a background with the XYZ color 60.2869, 56.5839,

61.7772.

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

60.2869, 56.5839, 61.7772

Protanopia

54.6848, 56.5715, 65.1639

Deuteranopia

57.6580, 56.5282, 61.2982



Tritanopia

60.6388, 56.7247, 63.6301

Trichromacy



Original Color

60.2869, 56.5839, 61.7772

Protanomaly

56.5308, 56.5495, 63.8128

Deuteranomaly

58.6426, 56.7110, 61.2816

Tritanomaly

60.5207, 56.6775, 63.0084

Monochromacy



Original Color

60.2869, 56.5839, 61.7772

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

57.0292, 57.4989, 62.7362

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.2869, 56.5839, 61.7772 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, 188, 199)` looks like.

```
.text, #text, p{  
    color:rgb(228, 188, 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(228, 188, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 188, 199) }
```

Border

The CSS property to change the border of an element to XYZ 60.2869, 56.5839, 61.7772 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, 188, 199) }
```


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

```
.border{ border-color:rgb(228, 188, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 188, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 188, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 188, 199);  
box-shadow:4px 4px 4px 4px rgb(228, 188,  
199) }
```

Background

The CSS property to change the background color of an element to XYZ 60.2869, 56.5839, 61.7772 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 188, 199) }
```

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

```
.background{ background-color: rgb(228,  
188, 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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