

Converting Colors

XYZ(61.6342, 60.2368, 68.5928)

Have a look what the booklet for
XYZ(61.6342, 60.2368, 68.5928)
contains.

| | |
|--|----|
| XYZ(61.5991, 60.0655, 68.6688) | 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(61.5991, 60.0655,
68.6688)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | DEC5D1 |
| RGB | 222, 197, 209 |
| RGB Percent | 87%, 77%, 82% |
| CMY | 0.1294, 0.2274, 0.1804 |
| CMYK | 0.00, 0.11, 0.06, 0.13 |
| HSL | 331°, 27%, 82% |
| HSV | 331°, 11%, 87% |
| XYZ | 61.5991, 60.0655, 68.6688 |
| YIQ | 205.8430, 11.0480, 9.0320 |

Conversions

Conversions Part 2

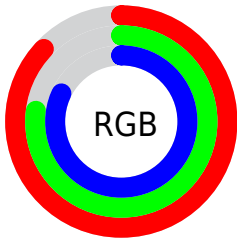
| Format | Color |
|-------------------------------------|------------------------------|
| R _Y B | 222, 197, 209 |
| Decimal | 14599633 |
| CIE Lab | 81.87, 10.83, -2.76 |
| CIE LCh | 82, 11.173, 345.673 |
| Yxy | 60.0655, 0.3236, 0.3156 |
| Android (android.graphics.Color) | 4292789713 (0xFFDEC5D1) |
| YUV | 205.8430, 1.5564, 14.1697 |
| Hunter-Lab | 77.5019, 6.2447, 1.7188 |

Details

The XYZ color **61.5991, 60.0655, 68.6688** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **60.7824, 68.7677, 71.0460**, and the grayscale version is **58.5526, 61.6019, 67.0845**.

A 20% lighter version of the original color is **94.7318, 99.3636, 108.7939**, and **31.6752, 30.2270, 35.1753** is the 20% darker color. If you saturate the color by 10%, you get **55.5470, 50.1660, 59.8528**, and if you desaturate by 10%, it is **68.5006, 71.4963, 78.2805**.

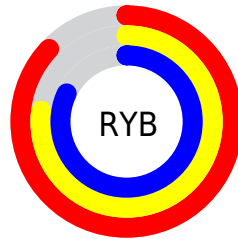
Distribution



Red (87%)

Green (77%)

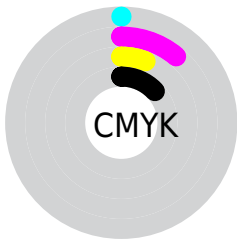
Blue (82%)



Red (87%)

Yellow (77%)

Blue (82%)

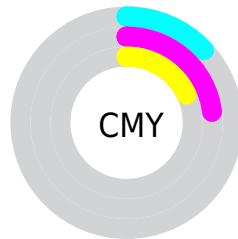


Cyan (0%)

Magenta (11%)

Yellow (6%)

Black (13%)



Cyan (13%)

Magenta (23%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.5991, 60.0655, 68.6688 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 61.5991, 60.0655, 68.6688 by changing the saturation by 10% instead.

61.5991, 60.0655,
68.6688

61.5991, 60.0655,
68.6688

420.2081,
424.8392, 474.5242

44.9632, 43.4714,
49.9719

106.2391,
104.9247, 118.9716

31.6296, 30.2552,
35.0201

134.9740,
133.9586, 151.4147

21.2329, 20.0324,
23.3947

168.4725,
167.9079, 189.2769

13.4078, 12.4186,
14.6772

207.1001,
207.1570, 232.9768

7.7889, 7.0294,
8.4490

251.2221,
252.0902, 282.9330

4.0108, 3.4805,
4.2917

301.2039,

1.7083, 1.3874,

303.0921, 339.5639

1.7867

357.4108,
360.5469, 403.2881

■ 0.4614, 0.2074,
0.4192

■ 0.0000, 0.0000,
0.0000

■ 61.5991, 60.0655,
68.6688

■ 61.5991, 60.0655,
68.6688

■ 55.5470, 50.1660,
59.8528

■ 68.5006, 71.4963,
78.2805

■ 50.3046, 41.7244,
51.8064

■ 76.2787, 84.5121,
88.7053

■ 45.8367, 34.6732,
44.5075

■ 82.1589, 93.5595,
99.0292

■ 42.1034, 28.9360,
37.9311

■ 83.9346, 94.2698,
108.3798

■ 39.0608, 24.4293,
32.0509

■ 36.6605, 21.0600,
26.8382

■ 34.8468, 18.7211,
22.2615

■ 33.5539, 17.2851,
18.2853

■ 32.7545, 16.5818,
15.2586

Harmonies

Analogous

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



60.3972, 60.0655, 74.9049



61.5991, 60.0655, 68.6688



61.5701, 60.0655, 61.9542

Triad

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



61.5991, 60.0655, 68.6688



55.8739, 60.0655, 53.6738



53.9792, 60.0655, 75.1412

Complementary

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



61.5991, 60.0655, 68.6688



60.7824, 68.7677, 71.0460

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.



52.8335, 60.0655, 68.9736



61.5991, 60.0655, 68.6688



53.9067, 60.0655, 56.7372

Square

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



61.5991, 60.0655, 68.6688



58.2203, 60.0655, 53.6046



52.8074, 60.0655, 62.2388



55.9753, 60.0655, 78.8125

Rectangle

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



61.5991, 60.0655, 68.6688



60.8552, 60.0655, 58.1143



52.8074, 60.0655, 62.2388



53.4843, 60.0655, 73.2730

Sweetspot

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



61.6008, 60.0681, 68.6701



92.0239, 94.9622, 104.7638



59.7079, 58.8987, 77.3298



19.5277, 20.0448, 22.1908



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.



61.6008, 60.0681, 68.6701



81.8532, 78.1611, 90.4598



60.2654, 59.6855, 61.1705



13.9798, 13.8096, 15.6640



19.5108, 9.8713, 9.3557



1.3975, 0.7023, 0.8858

Inverse Universe

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



61.6008, 60.0681, 68.6701



81.8532, 78.1611, 90.4598



62.2234, 69.1672, 79.1793



13.9798, 13.8096, 15.6640



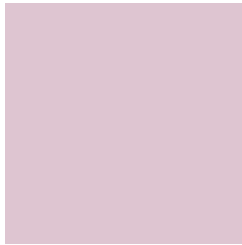
19.5108, 9.8713, 9.3557



1.3975, 0.7023, 0.8858

Previews

White Background



This preview shows how the XYZ color 61.5991, 60.0655, 68.6688 looks on a white background.

Color Contrast Check

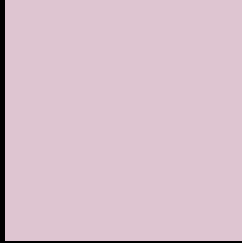
Large Text (above 18pt) WCAG AA × Fail

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 61.5991, 60.0655, 68.6688 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

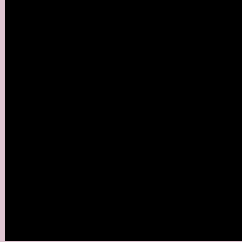
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.5991, 60.0655, 68.6688

Background



This preview shows how black text looks on a background with the XYZ color 61.5991, 60.0655, 68.6688.



This preview shows how white text looks on a background with the XYZ color 61.5991, 60.0655,

68.6688.

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

61.5991, 60.0655, 68.6688

Protanopia

58.4164, 60.4445, 70.8754

Deuteranopia

61.2937, 59.9081, 68.6545



Tritanopia

61.9741, 60.2156, 70.6437

Trichromacy



Original Color

61.5991, 60.0655, 68.6688

Protanomaly

59.5085, 60.3253, 70.1355

Deuteranomaly

61.2937, 59.9081, 68.6545

Tritanomaly

61.8483, 60.1652, 69.9813

Monochromacy



Original Color

61.5991, 60.0655, 68.6688

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

59.7698, 61.2139, 67.6967

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.5991, 60.0655, 68.6688 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(222, 197, 209)` looks like.

```
.text, #text, p{  
    color:rgb(222, 197, 209)  
}
```

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(222, 197, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 197, 209) }
```

Border

The CSS property to change the border of an element to XYZ 61.5991, 60.0655, 68.6688 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(222, 197, 209) }
```


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

```
.border{ border-color:rgb(222, 197, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 197, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 197, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 197, 209);  
box-shadow:4px 4px 4px 4px rgb(222, 197,  
209) }
```

Background

The CSS property to change the background color of an element to XYZ 61.5991, 60.0655, 68.6688 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 197, 209) }
```

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

```
.background{ background-color: rgb(222,  
197, 209) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor