

Converting Colors

XYZ(61.5832, 61.0318, 80.7106)

Have a look what the booklet for
XYZ(61.5832, 61.0318, 80.7106)
contains.

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Color

**XYZ(61.7655, 61.2613,
80.5207)**

Conversions

Conversions Part 1

Format	Color
Hex	D4C9E2
RGB	212, 201, 226
RGB Percent	83%, 79%, 89%
CMY	0.1686, 0.2117, 0.1137
CMYK	0.06, 0.11, 0.00, 0.11
HSL	266°, 30%, 84%
HSV	266°, 11%, 89%
XYZ	61.7655, 61.2613, 80.5207
YIQ	207.1390, -1.4690, 10.1070

Conversions

Conversions Part 2

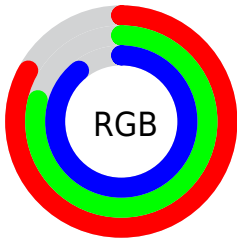
Format	Color
R _Y B	212, 201, 226
Decimal	13945314
CIE Lab	82.52, 8.43, -11.00
CIE LCh	83, 13.862, 307.474
Yxy	61.2613, 0.3034, 0.3010
Android (android.graphics.Color)	4292135394 (0xFFD4C9E2)
YUV	207.1390, 9.2985, 4.2631
Hunter-Lab	78.2696, 3.8893, -6.2065

Details

The XYZ color **61.7655, 61.2613, 80.5207** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **65.7654, 73.0584, 65.8968**, and the grayscale version is **59.3419, 62.4323, 67.9888**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **31.6890, 30.9758, 42.8368** is the 20% darker color. If you saturate the color by 10%, you get **53.3734, 49.6824, 78.7290**, and if you desaturate by 10%, it is **71.2224, 74.5431, 82.5868**.

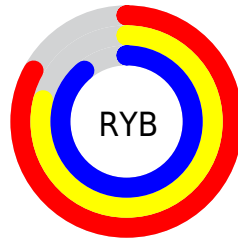
Distribution



Red (83%)

Green (79%)

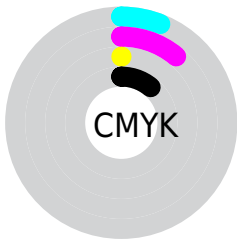
Blue (89%)



Red (83%)

Yellow (79%)

Blue (89%)

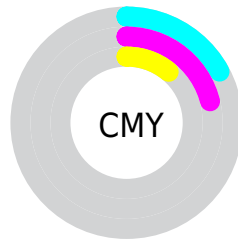


Cyan (6%)

Magenta (11%)

Yellow (0%)

Black (11%)



Cyan (17%)

Magenta (21%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.7655, 61.2613, 80.5207 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 61.7655, 61.2613, 80.5207 by changing the saturation by 10% instead.

■ 61.7655, 61.2613,
80.5207

■ 61.7655, 61.2613,
80.5207

420.8064,
429.2314, 516.4389

■ 45.0981, 44.4361,
59.6182

106.4784,
106.6572, 135.9156

■ 31.7363, 31.0135,
42.6877

135.2546,
135.9966, 171.2451

■ 21.3148, 20.6091,
29.3106

168.7979,
170.2763, 212.2206

■ 13.4680, 12.8386,
19.0683

207.4734,
209.8806, 259.2609

■ 7.8308, 7.3175,
11.5423

251.6467,
255.1938, 312.7842

■ 4.0378, 3.6614,
6.3141

301.6831,

■ 1.7235, 1.4860,

306.6004, 373.2094

2.9652

357.9478,
364.4848, 440.9547

■ 0.4709, 0.2789,
1.0769

■ 0.0000, 0.0000,
0.0000

■ 61.7655, 61.2613,
80.5207

■ 61.7655, 61.2613,
80.5207

■ 53.3734, 49.6824,
78.7290

■ 71.2224, 74.5431,
82.5868

■ 46.0004, 39.7278,
77.1962

■ 81.7766, 89.5864,
84.9342

■ 39.6054, 31.3243,
75.9112

■ 88.9026, 97.3302,
86.0534

■ 34.1422, 24.3896,
74.8606

■ 90.7276, 98.2711,
86.1388

■ 29.5603, 18.8340,
74.0297

■ 25.8040, 14.5573,
73.4022

■ 22.8102, 11.4452,
72.9593

■ 20.5047, 9.3615,
72.6786

■ 18.9201, 8.1679,
72.5318

Harmonies

Analogous

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



58.9719, 61.2613, 84.2400



61.7655, 61.2613, 80.5207



63.6544, 61.2613, 73.1569

Triad

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



61.7655, 61.2613, 80.5207



60.4389, 61.2613, 52.7274



52.7545, 61.2613, 68.8500

Complementary

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



61.7655, 61.2613, 80.5207



65.7654, 73.0584, 65.8968

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.



53.1173, 61.2613, 60.6406



61.7655, 61.2613, 80.5207



57.4885, 61.2613, 51.7865

Square

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



61.7655, 61.2613, 80.5207



62.8706, 61.2613, 57.2530



54.8263, 61.2613, 54.5643



53.8180, 61.2613, 77.1399

Rectangle

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



61.7655, 61.2613, 80.5207



64.1113, 61.2613, 67.4254



54.8263, 61.2613, 54.5643



52.7143, 61.2613, 65.9860

Sweetspot

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



61.7673, 61.2639, 80.5220



91.0992, 94.4122, 108.0297



62.1599, 66.5965, 81.5306



19.2777, 19.8961, 23.0742



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.



61.7673, 61.2639, 80.5220



78.8679, 77.2902, 105.3695



65.4598, 63.1674, 80.6948



13.5214, 13.5368, 17.2879



10.9251, 4.7274, 41.3850



0.8588, 0.3800, 2.8733

Inverse Universe

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



64.5185, 62.8510, 73.0238



83.1115, 79.7389, 93.7730



62.2790, 71.2611, 65.7336



14.0271, 13.8285, 15.9127



20.1235, 10.1164, 12.5818



1.4396, 0.7191, 1.1080

Previews

White Background



This preview shows how the XYZ color 61.7655, 61.2613, 80.5207 looks on a white background.

Color Contrast Check

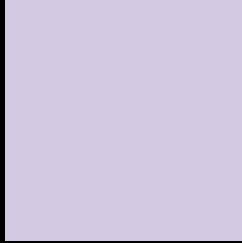
Large Text (above 18pt) WCAG AA × Fail

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 61.7655, 61.2613, 80.5207 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

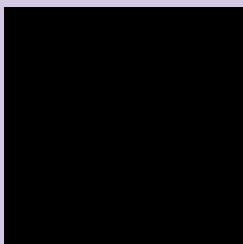
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

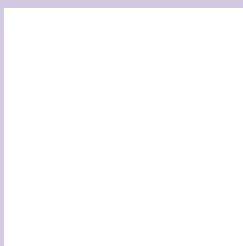
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 61.7655, 61.2613, 80.5207

Background



This preview shows how black text looks on a background with the XYZ color 61.7655, 61.2613, 80.5207.



This preview shows how white text looks on a background with the XYZ color 61.7655, 61.2613,

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

61.7655, 61.2613, 80.5207

Protanopia

59.9536, 61.3437, 82.0794

Deuteranopia

62.7006, 61.3985, 80.4979



Tritanopia

60.6394, 61.1519, 74.9371

Trichromacy



Original Color

61.7655, 61.2613, 80.5207

Protanomaly

60.6747, 61.3797, 81.3226

Deuteranomaly

62.4061, 61.2466, 80.4841

Tritanomaly

61.0356, 61.3104, 77.0238

Monochromacy



Original Color

61.7655, 61.2613, 80.5207

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

60.2634, 62.0730, 72.4234

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.7655, 61.2613, 80.5207 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(212, 201, 226)` looks like.

```
.text, #text, p{  
    color:rgb(212, 201, 226)  
}
```

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(212, 201, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 201, 226) }
```

Border

The CSS property to change the border of an element to XYZ 61.7655, 61.2613, 80.5207 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(212, 201, 226) }
```


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

```
.border{ border-color:rgb(212, 201, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 201, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 201, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 201, 226);  
box-shadow:4px 4px 4px 4px rgb(212, 201,  
226) }
```

Background

The CSS property to change the background color of an element to XYZ 61.7655, 61.2613, 80.5207 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 201, 226) }
```

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

```
.background{ background-color: rgb(212,  
201, 226) }
```

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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