

Converting Colors

XYZ(60.5143, 61.4771, 76.9214)

Have a look what the booklet for
XYZ(60.5143, 61.4771, 76.9214)
contains.

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Color

**XYZ(60.4195, 61.3422,
77.0624)**

Conversions

Conversions Part 1

Format	Color
Hex	D0CBDD
RGB	208, 203, 221
RGB Percent	82%, 80%, 87%
CMY	0.1843, 0.2039, 0.1333
CMYK	0.06, 0.08, 0.00, 0.13
HSL	257°, 21%, 83%
HSV	257°, 8%, 87%
XYZ	60.4195, 61.3422, 77.0624
YIQ	206.5470, -2.7980, 6.6580

Conversions

Conversions Part 2

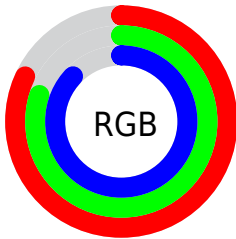
Format	Color
R _Y B	208, 203, 221
Decimal	13683677
CIE Lab	82.56, 5.08, -8.30
CIE LCh	83, 9.729, 301.459
Yxy	61.3422, 0.3039, 0.3085
Android (android.graphics.Color)	4291873757 (0xFFD0CBDD)
YUV	206.5470, 7.1253, 1.2743
Hunter-Lab	78.3213, 0.6383, -3.5121

Details

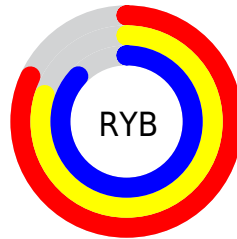
The XYZ color **60.4195, 61.3422, 77.0624** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **64.9571, 70.6252, 66.7113**, and the grayscale version is **58.9753, 62.0467, 67.5688**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **30.9568, 31.1181, 40.4512** is the 20% darker color. If you saturate the color by 10%, you get **51.3037, 49.4409, 75.2466**, and if you desaturate by 10%, it is **70.7347, 74.9695, 79.1500**.

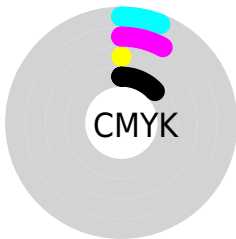
Distribution



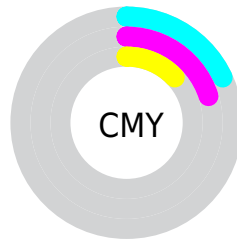
- Red (82%)
- Green (80%)
- Blue (87%)



- Red (82%)
- Yellow (80%)
- Blue (87%)



- Cyan (6%)
- Magenta (8%)
- Yellow (0%)
- Black (13%)



- Cyan (18%)
- Magenta (20%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.4195, 61.3422, 77.0624 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 60.4195, 61.3422, 77.0624 by changing the saturation by 10% instead.

■ 60.4195, 61.3422,
77.0624

■ 60.4195, 61.3422,
77.0624

415.9523,
429.5276, 504.4201

■ 44.0076, 44.5014,
56.7922

104.5409,
106.7743, 131.0014

■ 30.8744, 31.0649,
40.4302

132.9810,
136.1343, 165.5073

■ 20.6546, 20.6483,
27.5578

166.1613,
170.4362, 205.5955

■ 12.9828, 12.8671,
17.7564

204.4471,
210.0644, 251.6845

■ 7.4936, 7.3371,
10.6076

248.2038,
255.4032, 304.1930

■ 3.8217, 3.6738,
5.6928

297.7966,

■ 1.6018, 1.4928,

306.8371, 363.5393

2.5935

353.5910,
364.7504, 430.1422

■ 0.3936, 0.2837,
0.8891

■ 0.0000, 0.0000,
0.0000

■ 60.4195, 61.3422,
77.0624

■ 60.4195, 61.3422,
77.0624

■ 51.3037, 49.4409,
75.2466

■ 70.7347, 74.9695,
79.1500

■ 43.3371, 39.1884,
73.6876

■ 82.2860, 90.3804,
81.5158

■ 36.4743, 30.5129,
72.3747

■ 90.0513, 98.0005,
82.5773

■ 30.6642, 23.3344,
71.2954

■ 25.8519, 17.5658,
70.4356

■ 21.9768, 13.1107,
69.7799

■ 18.9715, 9.8600,
69.3108

■ 16.7582, 7.6866,
69.0080

■ 15.2316, 6.4106,
68.8421

Harmonies

Analogous

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



58.4060, 61.3422, 78.9281



60.4195, 61.3422, 77.0624



61.8940, 61.3422, 72.4235

Triad

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



60.4195, 61.3422, 77.0624



60.2387, 61.3422, 57.2119



54.3906, 61.3422, 67.0838

Complementary

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



60.4195, 61.3422, 77.0624



64.9571, 70.6252, 66.7113

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.



54.8554, 61.3422, 61.4588



60.4195, 61.3422, 77.0624



58.2020, 61.3422, 55.9670

Square

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



60.4195, 61.3422, 77.0624



61.7879, 61.3422, 60.9813



56.2383, 61.3422, 57.4758



54.9534, 61.3422, 72.9589

Rectangle

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



60.4195, 61.3422, 77.0624



62.3555, 61.3422, 68.5094



56.2383, 61.3422, 57.4758



54.4318, 61.3422, 65.1020

Sweetspot

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



60.4213, 61.3448, 77.0637



92.1022, 96.0971, 108.3020



62.2890, 67.1332, 78.0826



19.7446, 20.6096, 23.1874



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.



60.4213, 61.3448, 77.0637



80.9930, 81.4681, 106.0639



62.9649, 62.6561, 77.1828



12.6764, 12.7913, 16.4530



8.8074, 3.6646, 39.9815



0.6534, 0.2801, 2.5941

Inverse Universe

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



63.5715, 63.0446, 73.7870



86.3287, 84.3481, 100.4724



62.4260, 69.3204, 66.5929



13.4521, 13.2099, 15.6421



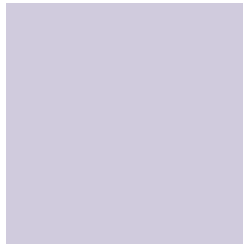
21.0401, 10.4171, 20.3888



1.3989, 0.6892, 1.5096

Previews

White Background



This preview shows how the XYZ color 60.4195, 61.3422, 77.0624 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 60.4195, 61.3422, 77.0624 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

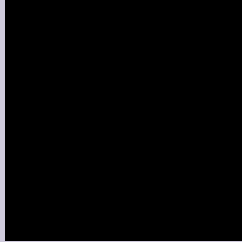
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.4195, 61.3422, 77.0624

Background



This preview shows how black text looks on a background with the XYZ color 60.4195, 61.3422, 77.0624.

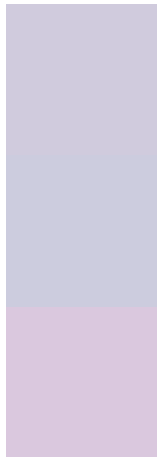


This preview shows how white text looks on a background with the XYZ color 60.4195, 61.3422,

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

60.4195, 61.3422, 77.0624

Protanopia

59.6795, 61.2970, 77.7933

Deuteranopia

62.7525, 61.4879, 77.6682



Tritanopia

60.1545, 61.2362, 75.6671

Trichromacy



Original Color

60.4195, 61.3422, 77.0624

Protanomaly

59.9545, 61.4388, 77.8062

Deuteranomaly

61.8030, 61.3434, 77.6903

Tritanomaly

60.2866, 61.2891, 76.3627

Monochromacy



Original Color

60.4195, 61.3422, 77.0624

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

59.6871, 62.1615, 71.1399

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.4195, 61.3422, 77.0624 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(208, 203, 221) looks like.

```
.text, #text, p{  
    color:rgb(208, 203, 221)  
}
```

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(208, 203, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 203, 221) }
```

Border

The CSS property to change the border of an element to XYZ 60.4195, 61.3422, 77.0624 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(208, 203, 221) }
```


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

```
.border{ border-color:rgb(208, 203, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 203, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 203, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 203, 221);  
box-shadow:4px 4px 4px 4px rgb(208, 203,  
221) }
```

Background

The CSS property to change the background color of an element to XYZ 60.4195, 61.3422, 77.0624 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 203, 221) }
```

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

```
.background{ background-color: rgb(208,  
203, 221) }
```

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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