

Converting Colors

XYZ(60.1330, 61.7633, 78.4097)

Have a look what the booklet for
XYZ(60.1330, 61.7633, 78.4097)
contains.

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Color

**XYZ(60.3274, 61.9695,
78.5937)**

Conversions

Conversions Part 1

Format	Color
Hex	CDCDDF
RGB	205, 205, 223
RGB Percent	80%, 80%, 87%
CMY	0.1961, 0.1961, 0.1255
CMYK	0.08, 0.08, 0.00, 0.13
HSL	240°, 22%, 84%
HSV	240°, 8%, 87%
XYZ	60.3274, 61.9695, 78.5937
YIQ	207.0520, -5.7780, 5.5980

Conversions

Conversions Part 2

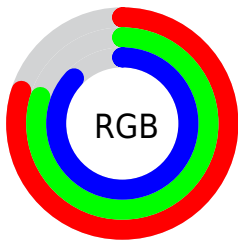
Format	Color
R _Y B	205, 205, 223
Decimal	13487583
CIE Lab	82.90, 3.42, -8.89
CIE LCh	83, 9.528, 291.008
Yxy	61.9695, 0.3003, 0.3085
Android (android.graphics.Color)	4291677663 (0xFFCDCDDF)
YUV	207.0520, 7.8624, -1.7996
Hunter-Lab	78.7207, -0.9683, -4.0898

Details

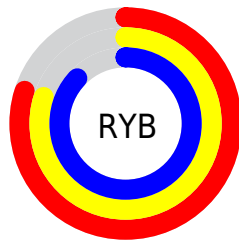
The XYZ color **60.3274, 61.9695, 78.5937** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **67.8386, 72.8703, 68.2485**, and the grayscale version is **59.2968, 62.3849, 67.9371**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **30.8970, 31.5397, 41.5051** is the 20% darker color. If you saturate the color by 10%, you get **49.6504, 49.1054, 76.6744**, and if you desaturate by 10%, it is **72.6448, 76.8107, 80.8101**.

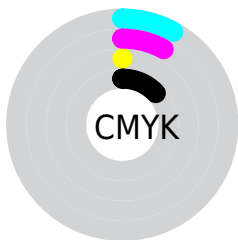
Distribution



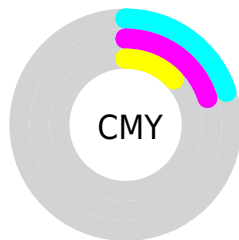
- Red (80%)
- Green (80%)
- Blue (87%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.3274, 61.9695, 78.5937 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 60.3274, 61.9695, 78.5937 by changing the saturation by 10% instead.

■ 60.3274, 61.9695,
78.5937

■ 60.3274, 61.9695,
78.5937

415.6189,
431.8198, 509.7620

■ 43.9331, 45.0081,
58.0425

104.4081,
107.6814, 133.1802

■ 30.8156, 31.4638,
41.4279

132.8252,
137.2007, 168.0525

■ 20.6096, 20.9523,
28.3313

165.9805,
171.6748, 208.5357

■ 12.9498, 13.0891,
18.3344

204.2395,
211.4879, 255.0481

■ 7.4707, 7.4899,
11.0184

247.9675,
257.0246, 308.0084

■ 3.8071, 3.7703,
5.9649

297.5298,

■ 1.5936, 1.5459,

308.6692, 367.8352

2.7553

353.2918,
366.8062, 434.9468

■ 0.3882, 0.3207,
0.9711

■ 0.0000, 0.0000,
0.0000

■ 60.3274, 61.9695,
78.5937

■ 60.3274, 61.9695,
78.5937

■ 49.6504, 49.1054,
76.6744

■ 72.6448, 76.8107,
80.8101

■ 40.5395, 38.1277,
75.0357

■ 86.6618, 93.6994,
83.3312

■ 32.9227, 28.9501,
73.6657

■ 90.3195, 98.1078,
83.9893

■ 26.7202, 21.4766,
72.5500

■ 21.8451, 15.6022,
71.6731

■ 18.2005, 11.2105,
71.0175

■ 15.6768, 8.1692,
70.5635

■ 14.1446, 6.3227,
70.2878

■ 13.4204, 5.4497,
70.1575

Harmonies

Analogous

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



58.2850, 61.9695, 79.2741



60.3274, 61.9695, 78.5937



62.0234, 61.9695, 74.8444

Triad

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



60.3274, 61.9695, 78.5937



61.4203, 61.9695, 59.0593



55.0847, 61.9695, 65.7218

Complementary

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



60.3274, 61.9695, 78.5937



67.8386, 72.8703, 68.2485

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.



55.8835, 61.9695, 60.6046



60.3274, 61.9695, 78.5937



59.5196, 61.9695, 56.9076

Square

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



60.3274, 61.9695, 78.5937



62.6645, 61.9695, 63.5000



57.4956, 61.9695, 57.4564



55.2896, 61.9695, 71.6110

Rectangle

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



60.3274, 61.9695, 78.5937



62.7141, 61.9695, 71.2226



57.4956, 61.9695, 57.4564



55.2441, 61.9695, 63.8598

Sweetspot

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



60.3292, 61.9721, 78.5951



91.5933, 95.8352, 108.2783



64.8443, 71.0670, 79.9007



19.6409, 20.5563, 23.1825



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.



60.3292, 61.9721, 78.5951



78.6820, 80.2787, 105.9561



62.7957, 63.2425, 78.7103



12.9523, 13.2437, 17.2613



7.8319, 3.1333, 41.2404



0.5429, 0.2173, 2.8586

Inverse Universe

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



63.2836, 63.7596, 66.7321



83.6113, 83.2611, 86.1629



65.2273, 71.5254, 68.1266



13.7074, 13.7006, 14.2293



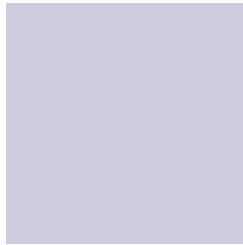
17.8934, 9.2243, 0.8383



1.2403, 0.6394, 0.0583

Previews

White Background



This preview shows how the XYZ color 60.3274, 61.9695, 78.5937 looks on a white background.

Color Contrast Check

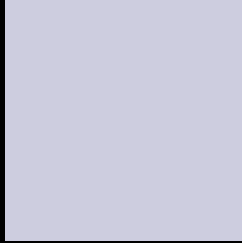
Large Text (above 18pt) WCAG AA × Fail

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 60.3274, 61.9695, 78.5937 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

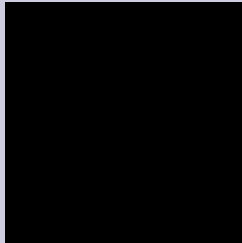
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.3274, 61.9695, 78.5937

Background



This preview shows how black text looks on a background with the XYZ color 60.3274, 61.9695, 78.5937.

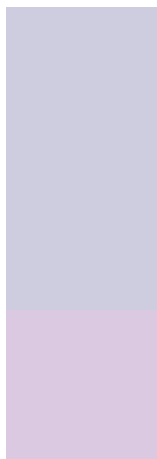


This preview shows how white text looks on a background with the XYZ color 60.3274, 61.9695,

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

60.3274, 61.9695, 78.5937

Protanopia

60.3274, 61.9695, 78.5937

Deuteranopia

63.2546, 62.0605, 79.1660



Tritanopia

60.0593, 61.8622, 77.1818

Trichromacy



Original Color

60.3274, 61.9695, 78.5937

Protanomaly

60.3274, 61.9695, 78.5937

Deuteranomaly

62.0156, 61.7690, 79.1750

Tritanomaly

60.1930, 61.9157, 77.8857

Monochromacy



Original Color

60.3274, 61.9695, 78.5937

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

59.5351, 62.0685, 71.7934

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.3274, 61.9695, 78.5937 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(205, 205, 223) looks like.

```
.text, #text, p{  
    color:rgb(205, 205, 223)  
}
```

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(205, 205, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 205, 223) }
```

Border

The CSS property to change the border of an element to XYZ 60.3274, 61.9695, 78.5937 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(205, 205, 223) }
```


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

```
.border{ border-color:rgb(205, 205, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 205, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 205, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 205, 223);  
box-shadow:4px 4px 4px 4px rgb(205, 205,  
223) }
```

Background

The CSS property to change the background color of an element to XYZ 60.3274, 61.9695, 78.5937 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 205, 223) }
```

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

```
.background{ background-color: rgb(205,  
205, 223) }
```

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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