

Converting Colors

XYZ(62.1601, 61.1802, 77.6387)

Have a look what the booklet for
XYZ(62.1601, 61.1802, 77.6387)
contains.

XYZ(62.1580, 61.1814, 77.6404)	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(62.1580, 61.1814,
77.6404)**

Conversions

Conversions Part 1

Format	Color
Hex	D8C8DE
RGB	216, 200, 222
RGB Percent	85%, 78%, 87%
CMY	0.1529, 0.2157, 0.1294
CMYK	0.03, 0.10, 0.00, 0.13
HSL	284°, 25%, 83%
HSV	284°, 10%, 87%
XYZ	62.1580, 61.1814, 77.6404
YIQ	207.2920, 2.4740, 10.2340

Conversions

Conversions Part 2

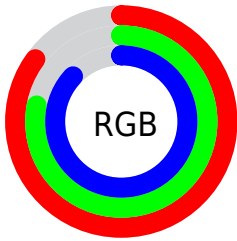
Format	Color
R _Y B	216, 200, 222
Decimal	14207198
CIE Lab	82.48, 9.53, -8.89
CIE LCh	82, 13.037, 316.994
Yxy	61.1814, 0.3093, 0.3044
Android (android.graphics.Color)	4292397278 (0xFFD8C8DE)
YUV	207.2920, 7.2510, 7.6369
Hunter-Lab	78.2185, 4.9663, -4.0988

Details

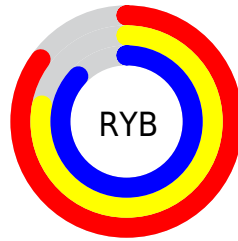
The XYZ color **62.1580, 61.1814, 77.6404** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **62.0025, 69.5361, 64.8006**, and the grayscale version is **59.4515, 62.5476, 68.1143**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **31.9519, 30.9249, 40.8443** is the 20% darker color. If you saturate the color by 10%, you get **55.6296, 50.7309, 75.9683**, and if you desaturate by 10%, it is **69.5024, 73.1642, 79.5671**.

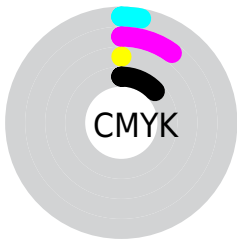
Distribution



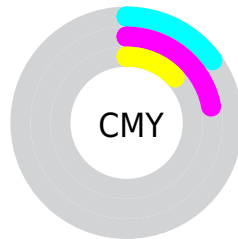
- Red (85%)
- Green (78%)
- Blue (87%)



- Red (85%)
- Yellow (78%)
- Blue (87%)



- Cyan (3%)
- Magenta (10%)
- Yellow (0%)
- Black (13%)



- Cyan (15%)
- Magenta (22%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.1580, 61.1814, 77.6404 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 62.1580, 61.1814, 77.6404 by changing the saturation by 10% instead.

62.1580, 61.1814,
77.6404

62.1580, 61.1814,
77.6404

422.2156,
428.9388, 506.4403

45.4165, 44.3716,
57.2639

107.0425,
106.5415, 131.8243

31.9883, 30.9627,
40.8064

135.9162,
135.8607, 166.4689

21.5080, 20.5705,
27.8493

169.5646,
170.1183, 206.7065

13.6104, 12.8104,
17.9740

208.3532,
209.6989, 252.9558

7.9301, 7.2981,
10.7621

252.6472,
254.9869, 305.6353

4.1017, 3.6492,
5.7949

302.8120,

1.7598, 1.4793,

306.3666, 365.1635

2.6540

359.2130,
364.2224, 431.9590

■ 0.4933, 0.2741,
0.9202

■ 0.0000, 0.0000,
0.0000

■ 62.1580, 61.1814,
77.6404

■ 62.1580, 61.1814,
77.6404

■ 55.6296, 50.7309,
75.9683

■ 69.5024, 73.1642,
79.5671

■ 49.8792, 41.7404,
74.5360

■ 77.6883, 86.7319,
81.7545

■ 44.8734, 34.1435,
73.3335

■ 82.9318, 94.3148,
82.9418

■ 40.5744, 27.8653,
72.3483

■ 84.9560, 95.3583,
83.0366

■ 36.9406, 22.8241,
71.5667

■ 87.0488, 96.4372,
83.1345

■ 33.9260, 18.9287,
70.9737

■ 89.2109, 97.5518,
83.2357

■ 31.4780, 16.0751,
70.5519

■ 90.1850, 98.0540,
83.2813

■ 29.5343, 14.1398,
70.2808

■ 27.9868, 12.9079,
70.1246

Harmonies

Analogous

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



59.7312, 61.1814, 82.3952



62.1580, 61.1814, 77.6404



63.5295, 61.1814, 70.1297

Triad

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



62.1580, 61.1814, 77.6404



59.3653, 61.1814, 52.7554



53.1760, 61.1814, 71.2025

Complementary

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



62.1580, 61.1814, 77.6404



62.0025, 69.5361, 64.8006

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.



53.0851, 61.1814, 63.2220



62.1580, 61.1814, 77.6404



56.5991, 61.1814, 52.9923

Square

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



62.1580, 61.1814, 77.6404



61.8828, 61.1814, 56.0129



54.3202, 61.1814, 56.6882



54.5725, 61.1814, 78.4796

Rectangle

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



62.1580, 61.1814, 77.6404



63.6331, 61.1814, 64.7651



54.3202, 61.1814, 56.6882



52.9934, 61.1814, 68.5021

Sweetspot

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



62.1598, 61.1840, 77.6417



91.8944, 94.8222, 108.0669



59.1342, 61.8110, 77.9222



19.4924, 20.0068, 23.0843



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.



62.1598, 61.1840, 77.6417



83.0490, 80.4578, 105.7605



63.3351, 61.8627, 74.4089



13.9114, 13.7379, 17.3061



16.7272, 7.7185, 41.6566



1.2440, 0.5786, 2.8914

Inverse Universe

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



61.9212, 61.2971, 66.9635



82.6751, 80.6553, 88.1117



60.9342, 68.9200, 67.7040



13.8601, 13.7617, 15.0332



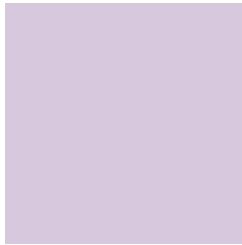
18.4265, 9.4376, 3.6460



1.3143, 0.6690, 0.4479

Previews

White Background



This preview shows how the XYZ color 62.1580, 61.1814, 77.6404 looks on a white background.

Color Contrast Check

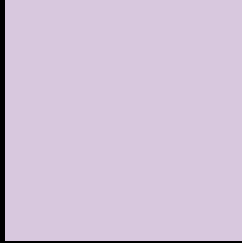
Large Text (above 18pt) WCAG AA × Fail

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 62.1580, 61.1814, 77.6404 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

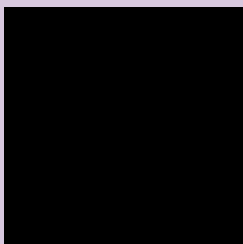
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

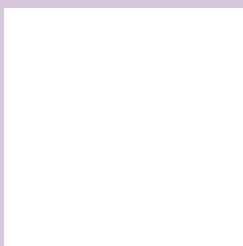
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 62.1580, 61.1814, 77.6404

Background



This preview shows how black text looks on a background with the XYZ color 62.1580, 61.1814, 77.6404.



This preview shows how white text looks on a background with the XYZ color 62.1580, 61.1814,

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

62.1580, 61.1814, 77.6404

Protanopia

59.6760, 61.2641, 79.2009

Deuteranopia

62.2235, 60.8725, 77.5773



Tritanopia

61.4354, 61.2301, 74.2262

Trichromacy



Original Color

62.1580, 61.1814, 77.6404

Protanomaly

60.6876, 61.4495, 78.4744

Deuteranomaly

62.2235, 60.8725, 77.5773

Tritanomaly

61.6972, 61.3348, 75.6048

Monochromacy



Original Color

62.1580, 61.1814, 77.6404

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

60.0549, 61.6408, 71.0200

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.1580, 61.1814, 77.6404 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(216, 200, 222) looks like.

```
.text, #text, p{  
    color:rgb(216, 200, 222)  
}
```

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(216, 200, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 200, 222) }
```

Border

The CSS property to change the border of an element to XYZ 62.1580, 61.1814, 77.6404 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(216, 200, 222) }
```


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

```
.border{ border-color:rgb(216, 200, 222) }
```

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

Here you see how a box with a 4 pixel rgb(216, 200, 222) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 200, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 200, 222);  
box-shadow:4px 4px 4px 4px rgb(216, 200,  
222) }
```

Background

The CSS property to change the background color of an element to XYZ 62.1580, 61.1814, 77.6404 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 200, 222) }
```

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

```
.background{ background-color: rgb(216,  
200, 222) }
```

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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