

Converting Colors

XYZ(61.4258, 68.6360, 74.2307)

Have a look what the booklet for
XYZ(61.4258, 68.6360, 74.2307)
contains.

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Color

**XYZ(61.4109, 68.6250,
74.2992)**

Conversions

Conversions Part 1

Format	Color
Hex	C6DDD7
RGB	198, 221, 215
RGB Percent	78%, 87%, 84%
CMY	0.2235, 0.1333, 0.1569
CMYK	0.10, 0.00, 0.03, 0.13
HSL	164°, 25%, 82%
HSV	164°, 10%, 87%
XYZ	61.4109, 68.6250, 74.2992
YIQ	213.4390, -11.7820, -6.7420

Conversions

Conversions Part 2

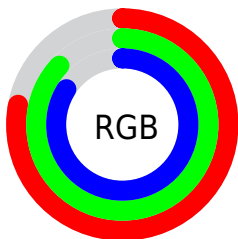
Format	Color
RYB	198, 211, 221
Decimal	13032919
CIELab	86.32, -8.77, 0.33
CIELCh	86, 8.778, 177.829
Yxy	68.6250, 0.3005, 0.3358
Android (android.graphics.Color)	4291222999 (0xFFC6DDD7)
YUV	213.4390, 0.7696, -13.5400
Hunter-Lab	82.8402, -12.6452, 4.8111

Details

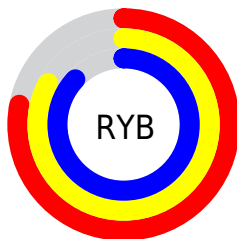
The XYZ color **61.4109, 68.6250, 74.2992** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **60.9145, 60.1217, 65.5241**, and the grayscale version is **63.5421, 66.8512, 72.8009**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **31.4830, 35.7398, 38.4968** is the 20% darker color. If you saturate the color by 10%, you get **55.2775, 65.5491, 70.2122**, and if you desaturate by 10%, it is **68.4243, 72.1553, 78.5666**.

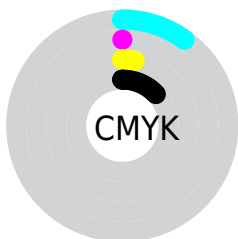
Distribution



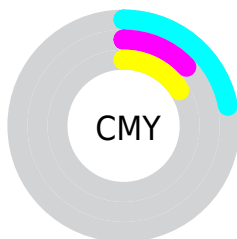
- Red (78%)
- Green (87%)
- Blue (84%)



- Red (78%)
- Yellow (83%)
- Blue (87%)



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



- Cyan (22%)
- Magenta (13%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.4109, 68.6250, 74.2992 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 61.4109, 68.6250, 74.2992 by changing the saturation by 10% instead.

■ 61.4109, 68.6250,
74.2992

■ 61.4109, 68.6250,
74.2992

419.5309,
455.7073, 494.6964

■ 44.8107, 50.4064,
54.5407

105.9684,
117.2458, 127.0578

■ 31.5090, 35.7364,
38.6380

134.6564,
148.4168, 160.8950

■ 21.1404, 24.2307,
26.1726

168.1043,
184.6740, 200.2621

■ 13.3397, 15.5048,
16.7259

206.6776,
226.4018, 245.5778

■ 7.7415, 9.1744,
9.8793

250.7415,
273.9846, 297.2605

■ 3.9804, 4.8551,
5.2145

300.6615,

■ 1.6911, 2.1625,

327.8069, 355.7288

2.3127

356.8028,
388.2530, 421.4013

■ 0.4507, 0.6994,
0.7383

■ 0.0000, 0.0000,
0.0000

■ 61.4109, 68.6250,
74.2992

■ 61.4109, 68.6250,
74.2992

■ 55.2775, 65.5491,
70.2122

■ 68.4243, 72.1553,
78.5666

■ 49.9814, 62.9000,
66.2981

■ 76.3466, 76.1492,
83.0129

■ 45.4849, 60.6602,
62.5550

■ 81.7066, 78.8191,
87.4785

■ 41.7452, 58.8076,
58.9795

■ 82.5411, 79.1528,
91.8726

■ 38.7152, 57.3180,
55.5680

■ 83.4027, 79.4975,
96.4099

■ 36.3427, 56.1644,
52.3165

■ 84.2917, 79.8531,
101.0914

■ 34.5678, 55.3161,
49.2207

■ 85.1478, 80.1955,
105.5993

■ 33.3194, 54.7364,
46.2758

■ 32.4979, 54.3716,
43.5860

Harmonies

Analogous

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



61.9844, 68.6250, 68.9378



61.4109, 68.6250, 74.2992



61.8419, 68.6250, 80.0501

Triad

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



61.4109, 68.6250, 74.2992



67.0612, 68.6250, 85.0258



67.3218, 68.6250, 65.6713

Complementary

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



61.4109, 68.6250, 74.2992



60.9145, 60.1217, 65.5241

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.



68.7313, 68.6250, 69.6337



61.4109, 68.6250, 74.2992



68.5787, 68.6250, 80.8188

Square

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



61.4109, 68.6250, 74.2992



65.0786, 68.6250, 86.4308



69.1959, 68.6250, 75.1443



65.3737, 68.6250, 64.1196

Rectangle

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



61.4109, 68.6250, 74.2992



62.6460, 68.6250, 83.2966



69.1959, 68.6250, 75.1443



67.8759, 68.6250, 66.7551

Sweetspot

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



61.4128, 68.6279, 74.3007



91.9715, 98.4499, 107.0867



60.9901, 68.6494, 63.4632



19.5137, 20.9858, 22.8181



0.0000, 0.0000, 0.0000



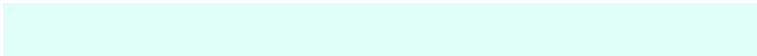
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



61.4128, 68.6279, 74.3007



83.4153, 94.1475, 101.7828



60.8041, 66.1529, 77.9741



13.2922, 14.7685, 16.0016



18.9263, 31.6031, 25.5750



1.2607, 2.0612, 1.8388

Inverse Universe

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



60.9145, 60.1217, 65.5241



82.6237, 80.6347, 87.8411



61.4568, 62.3367, 62.2202



13.1948, 13.1070, 14.2873



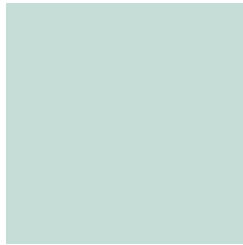
17.8007, 9.1213, 3.3307



1.1884, 0.6050, 0.4013

Previews

White Background



This preview shows how the XYZ color 61.4109, 68.6250, 74.2992 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 61.4109, 68.6250, 74.2992 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

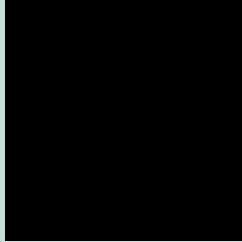
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

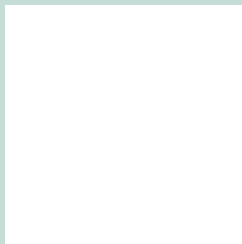
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 61.4109, 68.6250, 74.2992

Background



This preview shows how black text looks on a background with the XYZ color 61.4109, 68.6250, 74.2992.



This preview shows how white text looks on a background with the XYZ color 61.4109, 68.6250,

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

61.4109, 68.6250, 74.2992

Protanopia

65.5735, 68.5197, 71.3975

Deuteranopia

69.9169, 68.4435, 75.1715



Tritanopia

64.1542, 68.5585, 88.4491

Trichromacy



Original Color

61.4109, 68.6250, 74.2992

Protanomaly

63.8479, 68.3762, 72.1201

Deuteranomaly

66.3131, 68.0760, 74.6106

Tritanomaly

63.1545, 68.5438, 83.3005

Monochromacy



Original Color

61.4109, 68.6250, 74.2992

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

62.7059, 67.3767, 73.3184

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.4109, 68.6250, 74.2992 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(198, 221, 215)` looks like.

```
.text, #text, p{  
    color:rgb(198, 221, 215)  
}
```

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(198, 221, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 221, 215) }
```

Border

The CSS property to change the border of an element to XYZ 61.4109, 68.6250, 74.2992 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(198, 221, 215) }
```


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

```
.border{ border-color:rgb(198, 221, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 221, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 221, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 221, 215);  
box-shadow:4px 4px 4px 4px rgb(198, 221,  
215) }
```

Background

The CSS property to change the background color of an element to XYZ 61.4109, 68.6250, 74.2992 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 221, 215) }
```

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

```
.background{ background-color: rgb(198,  
221, 215) }
```

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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