

Converting Colors

XYZ(62.0109, 70.9624, 57.2097)

Have a look what the booklet for
XYZ(62.0109, 70.9624, 57.2097)
contains.

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Color

**XYZ(61.9073, 70.8482,
57.4259)**

Conversions

Conversions Part 1

Format	Color
Hex	D0E1BB
RGB	208, 225, 187
RGB Percent	82%, 88%, 73%
CMY	0.1843, 0.1176, 0.2667
CMYK	0.08, 0.00, 0.17, 0.12
HSL	87°, 39%, 81%
HSV	87°, 17%, 88%
XYZ	61.9073, 70.8482, 57.4259
YIQ	215.5850, 2.0660, -15.4220

Conversions

Conversions Part 2

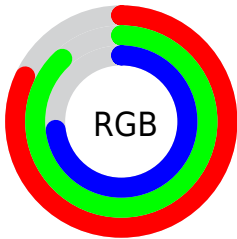
Format	Color
RYB	187, 225, 204
Decimal	13689275
CIELab	87.41, -12.32, 16.71
CIELCh	87, 20.759, 126.413
Yxy	70.8482, 0.3255, 0.3725
Android (android.graphics.Color)	4291879355 (0xFFD0E1BB)
YUV	215.5850, -14.0924, -6.6520
Hunter-Lab	84.1714, -16.0147, 18.4694

Details

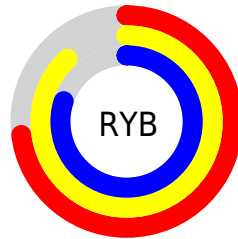
The XYZ color **61.9073, 70.8482, 57.4259** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **56.2656, 53.8162, 78.6600**, and the grayscale version is **65.0814, 68.4707, 74.5646**.

A 20% lighter version of the original color is **93.1777, 99.2511, 99.0404**, and **31.8147, 37.2430, 28.0661** is the 20% darker color. If you saturate the color by 10%, you get **56.9440, 68.5485, 45.5897**, and if you desaturate by 10%, it is **67.4316, 73.3977, 71.2614**.

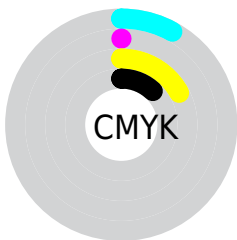
Distribution



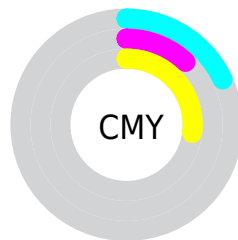
- Red (82%)
- Green (88%)
- Blue (73%)



- Red (73%)
- Yellow (88%)
- Blue (80%)



- Cyan (8%)
- Magenta (0%)
- Yellow (17%)
- Black (12%)



- Cyan (18%)
- Magenta (12%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.9073, 70.8482, 57.4259 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 61.9073, 70.8482, 57.4259 by changing the saturation by 10% instead.

■ 61.9073, 70.8482,
57.4259

■ 61.9073, 70.8482,
57.4259

421.3158,
463.5226, 432.5817

■ 45.2131, 52.2183,
40.9356

■ 106.6822,
120.4176, 102.5929

■ 31.8273, 37.1791,
27.9495

135.4937,
152.1258, 132.1066

■ 21.3845, 25.3462,
18.0489

169.0750,
188.9624, 166.7987

■ 13.5194, 16.3352,
10.8153

207.7914,
231.3115, 207.0875

■ 7.8667, 9.7616,
5.8302

252.0083,
279.5577, 253.3917

■ 4.0608, 5.2412,
2.6750

302.0912,

■ 1.7366, 2.3895,

334.0854, 306.1298

0.9308

358.4052,
395.2789, 365.7202

■ 0.4790, 0.8205,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 61.9073, 70.8482,
57.4259

■ 61.9073, 70.8482,
57.4259

■ 56.9440, 68.5485,
45.5897

■ 67.4316, 73.3977,
71.2614

■ 52.5152, 66.4806,
35.6557

■ 73.5307, 76.1960,
87.1779

■ 48.6003, 64.6384,
27.5256

■ 80.2252, 79.2538,
105.2584

■ 45.1754, 63.0116,
21.0907

■ 83.7844, 81.0795,
105.8417

■ 42.2139, 61.5894,
16.2301

■ 86.2167, 82.3333,
105.9556

■ 39.6861, 60.3594,
12.8075

■ 37.5578, 59.3075,
10.6630

■ 35.7860, 58.4160,
9.5902

■ 35.2864, 58.1629,
9.3668

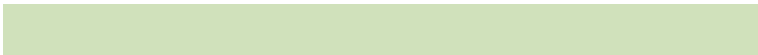
Harmonies

Analogous

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



66.2937, 70.8482, 53.3441



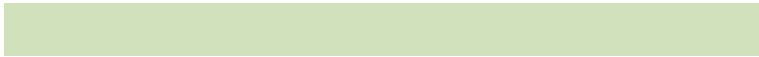
61.9073, 70.8482, 57.4259



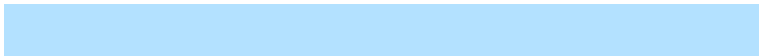
59.0796, 70.8482, 66.8544

Triad

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



61.9073, 70.8482, 57.4259



63.6441, 70.8482, 104.5637



77.1279, 70.8482, 74.1711

Complementary

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



61.9073, 70.8482, 57.4259



56.2656, 53.8162, 78.6600

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.



76.3346, 70.8482, 88.4335



61.9073, 70.8482, 57.4259



68.3954, 70.8482, 107.1352

Square

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



61.9073, 70.8482, 57.4259



60.0479, 70.8482, 94.2668



73.0797, 70.8482, 100.9209



75.1978, 70.8482, 62.2273

Rectangle

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



61.9073, 70.8482, 57.4259



58.3789, 70.8482, 75.4680



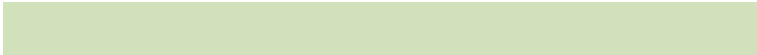
73.0797, 70.8482, 100.9209



77.1722, 70.8482, 78.8398

Sweetspot

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



61.9092, 70.8513, 57.4274



90.9968, 98.1399, 98.3482



61.4899, 62.5305, 55.8435



19.3585, 20.9515, 20.7453



0.0000, 0.0000, 0.0000



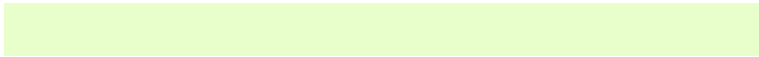
20.3446, 21.4041, 23.3091

Same Dimension

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



61.9092, 70.8513, 57.4274



79.9964, 93.0657, 70.8740



57.0158, 68.3287, 57.1984



14.2493, 15.7087, 14.5878



20.4691, 33.5847, 5.4037



1.5214, 2.3808, 0.3794

Inverse Universe

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



56.2656, 53.8162, 78.6600



71.2645, 66.7073, 103.7275



61.6310, 56.5821, 78.9111



13.5314, 13.5420, 17.2884



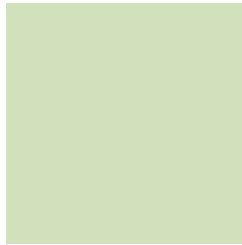
11.0333, 4.7832, 41.3901



0.8667, 0.3841, 2.8737

Previews

White Background



This preview shows how the XYZ color 61.9073, 70.8482, 57.4259 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 61.9073, 70.8482, 57.4259 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

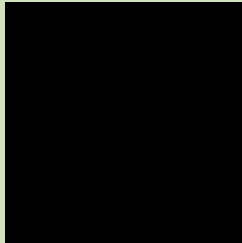
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

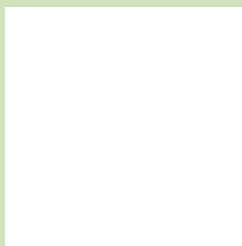
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 61.9073, 70.8482, 57.4259

Background



This preview shows how black text looks on a background with the XYZ color 61.9073, 70.8482, 57.4259.



This preview shows how white text looks on a background with the XYZ color 61.9073, 70.8482,

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
61.9073, 70.8482, 57.4259
Protanopia
66.6781, 70.5924, 55.4588
Deuteranopia
72.0129, 70.6302, 58.5527



Tritanopia

68.2361, 70.6460, 89.3965

Trichromacy



Original Color

61.9073, 70.8482, 57.4259

Protanomaly

65.0448, 70.9037, 56.1565

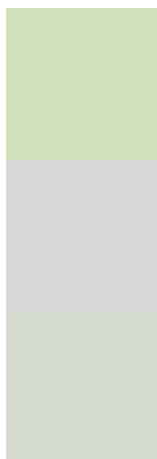
Deuteranomaly

68.0021, 70.4480, 58.1578

Tritanomaly

65.6627, 70.7719, 76.5292

Monochromacy



Original Color

61.9073, 70.8482, 57.4259

Achromatopsia

65.2694, 68.6685, 74.7800

Achromatomaly

63.7915, 69.2169, 67.7556

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.9073, 70.8482, 57.4259 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, 225, 187)` looks like.

```
.text, #text, p{  
    color:rgb(208, 225, 187)  
}
```

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, 225, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 225, 187) }
```

Border

The CSS property to change the border of an element to XYZ 61.9073, 70.8482, 57.4259 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, 225, 187) }
```


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

```
.border{ border-color:rgb(208, 225, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 225, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 225, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 225, 187);  
box-shadow:4px 4px 4px 4px rgb(208, 225,  
187) }
```

Background

The CSS property to change the background color of an element to XYZ 61.9073, 70.8482, 57.4259 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 225, 187) }
```

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

```
.background{ background-color: rgb(208,  
225, 187) }
```

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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