

Converting Colors

XYZ(62.2741, 72.2395, 58.2384)

Have a look what the booklet for XYZ(62.2741, 72.2395, 58.2384) contains.

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Color

**XYZ(62.2741, 72.2395,
58.2384)**

Conversions

Conversions Part 1

Format	Color
Hex	CEE4BC
RGB	206, 228, 188
RGB Percent	81%, 89%, 74%
CMY	0.1922, 0.1059, 0.2627
CMYK	0.10, 0.00, 0.18, 0.11
HSL	93°, 43%, 82%
HSV	93°, 18%, 89%
XYZ	62.2741, 72.2395, 58.2384
YIQ	216.8620, -0.2720, -17.1040

Conversions

Conversions Part 2

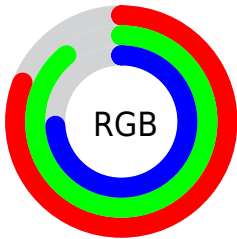
Format	Color
RYB	188, 228, 210
Decimal	13558972
CIELab	88.08, -14.37, 17.11
CIELCh	88, 22.340, 130.025
Yxy	72.2395, 0.3231, 0.3748
Android (android.graphics.Color)	4291749052 (0xFFCEE4BC)
YUV	216.8620, -14.2290, -9.5260
Hunter-Lab	84.9938, -17.9541, 18.8697

Details

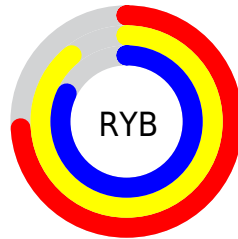
The XYZ color **62.2741, 72.2395, 58.2384** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **58.5682, 55.2716, 80.9843**, and the grayscale version is **65.9550, 69.3898, 75.5655**.

A 20% lighter version of the original color is **93.3291, 99.3117, 99.8380**, and **32.0792, 38.2157, 28.6073** is the 20% darker color. If you saturate the color by 10%, you get **56.6643, 69.6116, 46.1434**, and if you desaturate by 10%, it is **68.5540, 75.1722, 72.3948**.

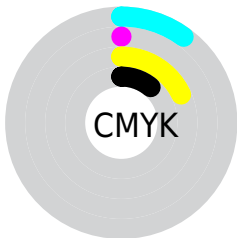
Distribution



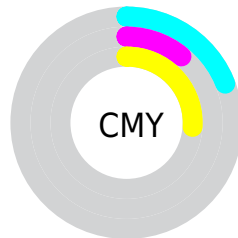
- Red (81%)
- Green (89%)
- Blue (74%)



- Red (74%)
- Yellow (89%)
- Blue (82%)



- Cyan (10%)
- Magenta (0%)
- Yellow (18%)
- Black (11%)



- Cyan (19%)
- Magenta (11%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.2741, 72.2395, 58.2384 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 62.2741, 72.2395, 58.2384 by changing the saturation by 10% instead.

■ 62.2741, 72.2395,
58.2384

■ 62.2741, 72.2395,
58.2384

422.6319,
468.3748, 435.6967

■ 45.5107, 53.3543,
41.5844

■ 107.2093,
122.3970, 103.7881

■ 32.0628, 38.0857,
28.4528

136.1117,
154.4381, 133.5209

■ 21.5653, 26.0492,
18.4253

169.7912,
191.6333, 168.4504

■ 13.6526, 16.8605,
11.0832

208.6131,
234.3670, 208.9951

■ 7.9595, 10.1351,
6.0079

252.9428,
283.0236, 255.5735

■ 4.1207, 5.4886,
2.7810

303.1456,

■ 1.7706, 2.5367,

337.9875, 308.6042

0.9839

359.5868,
399.6431, 368.5058

■ 0.4999, 0.8949,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 62.2741, 72.2395,
58.2384

■ 62.2741, 72.2395,
58.2384

■ 56.6643, 69.6116,
46.1434

■ 68.5540, 75.1722,
72.3948

■ 51.6942, 67.2686,
36.0088

■ 75.5214, 78.4105,
88.6975

■ 47.3393, 65.2023,
27.7326

■ 82.9735, 81.8761,
106.0382

■ 43.5714, 63.4004,
21.2014

■ 87.0349, 83.9698,
106.2283

■ 40.3592, 61.8499,
16.2895

■ 37.6682, 60.5359,
12.8543

■ 35.4588, 59.4417,
10.7283

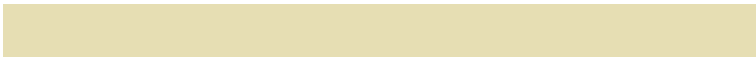
■ 33.6798, 58.5458,
9.6861

■ 33.2912, 58.3490,
9.5079

Harmonies

Analogous

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



66.8915, 72.2395, 53.1312



62.2741, 72.2395, 58.2384



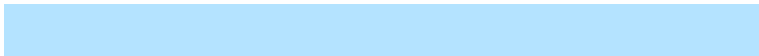
59.4658, 72.2395, 69.0423

Triad

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



62.2741, 72.2395, 58.2384



65.2168, 72.2395, 109.6202



79.2651, 72.2395, 73.6532

Complementary

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



62.2741, 72.2395, 58.2384



58.5682, 55.2716, 80.9843

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.



78.7594, 72.2395, 89.1242



62.2741, 72.2395, 58.2384



70.4624, 72.2395, 111.2738

Square

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



62.2741, 72.2395, 58.2384



61.1028, 72.2395, 99.1008



75.4713, 72.2395, 103.3633



76.8191, 72.2395, 61.2371

Rectangle

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



62.2741, 72.2395, 58.2384



58.9069, 72.2395, 78.6692



75.4713, 72.2395, 103.3633



79.4375, 72.2395, 78.6439

Sweetspot

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



62.2760, 72.2426, 58.2400



90.5313, 97.8999, 98.3265



64.1215, 66.2209, 56.9804



19.2454, 20.8932, 20.7401



0.0000, 0.0000, 0.0000



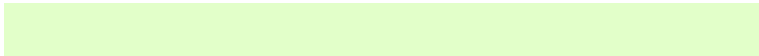
20.3446, 21.4041, 23.3091

Same Dimension

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



62.2760, 72.2426, 58.2400



77.5768, 91.8534, 69.1770



57.7789, 69.8992, 59.1630



14.8020, 16.4050, 15.2908



19.3548, 33.7593, 5.4961



1.5360, 2.5492, 0.4111

Inverse Universe

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



58.5682, 55.2716, 80.9843



71.9664, 66.1767, 103.5881



63.7084, 57.9534, 79.7836



14.3369, 14.2759, 18.1442



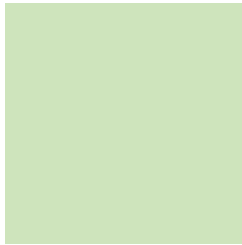
13.1434, 5.8416, 42.8180



1.0779, 0.4866, 3.1691

Previews

White Background



This preview shows how the XYZ color 62.2741, 72.2395, 58.2384 looks on a white background.

Color Contrast Check

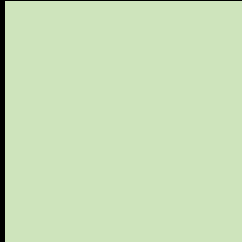
Large Text (above 18pt) WCAG AA × Fail

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 62.2741, 72.2395, 58.2384 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

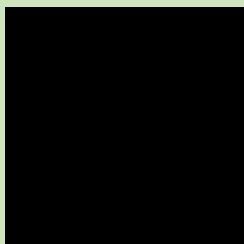
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

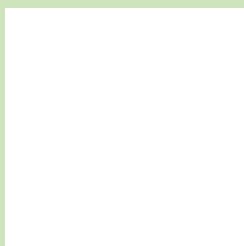
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 62.2741, 72.2395, 58.2384

Background



This preview shows how black text looks on a background with the XYZ color 62.2741, 72.2395, 58.2384.



This preview shows how white text looks on a background with the XYZ color 62.2741, 72.2395,

58.2384.

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

62.2741, 72.2395, 58.2384

Protanopia

67.8492, 71.9707, 55.6631

Deuteranopia

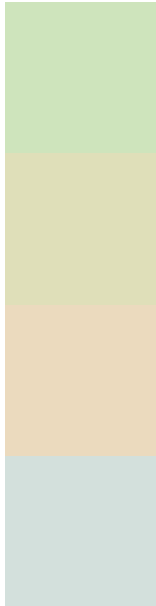
73.0923, 71.5440, 59.2472



Tritanopia

69.0206, 72.1821, 91.1837

Trichromacy



Original Color

62.2741, 72.2395, 58.2384

Protanomaly

65.5761, 71.9661, 56.3336

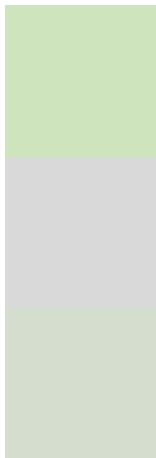
Deuteranomaly

68.6266, 71.5227, 58.9034

Tritanomaly

66.4379, 72.3275, 78.1691

Monochromacy



Original Color

62.2741, 72.2395, 58.2384

Achromatopsia

65.9525, 69.3872, 75.5626

Achromatomaly

64.4376, 70.3153, 68.5685

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.2741, 72.2395, 58.2384 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(206, 228, 188)` looks like.

```
.text, #text, p{  
    color:rgb(206, 228, 188)  
}
```

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(206, 228, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 228, 188) }
```

Border

The CSS property to change the border of an element to XYZ 62.2741, 72.2395, 58.2384 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(206, 228, 188) }
```


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

```
.border{ border-color:rgb(206, 228, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 228, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(206, 228, 188); -webkit-box-shadow:4px 4px 4px 4px rgb(206, 228, 188); box-shadow:4px 4px 4px 4px rgb(206, 228, 188) }
```

Background

The CSS property to change the background color of an element to XYZ 62.2741, 72.2395, 58.2384 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 228, 188) }
```

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

```
.background{ background-color: rgb(206,  
228, 188) }
```

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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