

Converting Colors

XYZ(65.5880, 72.4680, 58.7744)

Have a look what the booklet for
XYZ(65.5880, 72.4680, 58.7744)
contains.

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Color

**XYZ(65.3562, 72.2011,
58.6357)**

Conversions

Conversions Part 1

Format	Color
Hex	DCE0BD
RGB	220, 224, 189
RGB Percent	86%, 88%, 74%
CMY	0.1373, 0.1215, 0.2588
CMYK	0.02, 0.00, 0.16, 0.12
HSL	67°, 36%, 81%
HSV	67°, 16%, 88%
XYZ	65.3562, 72.2011, 58.6357
YIQ	218.8140, 8.8510, -11.7330

Conversions

Conversions Part 2

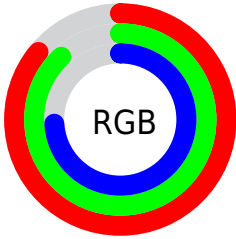
Format	Color
R_{YB}	189, 224, 193
Decimal	14475453
CIE _{Lab}	88.07, -7.24, 16.71
CIE _{LCh}	88, 18.207, 113.424
Yxy	72.2011, 0.3331, 0.3680
Android (android.graphics.Color)	4292665533 (0xFFDCE0BD)
YUV	218.8140, -14.6983, 1.0401
Hunter-Lab	84.9712, -11.4052, 18.5659

Details

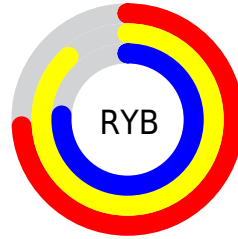
The XYZ color **65.3562, 72.2011, 58.6357** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **53.6473, 53.1164, 77.9499**, and the grayscale version is **67.2990, 70.8038, 77.1054**.

A 20% lighter version of the original color is **93.4814, 99.3726, 100.6400**, and **34.1490, 38.1528, 28.8569** is the 20% darker color. If you saturate the color by 10%, you get **62.3411, 70.9085, 46.7673**, and if you desaturate by 10%, it is **68.7627, 73.6564, 72.4858**.

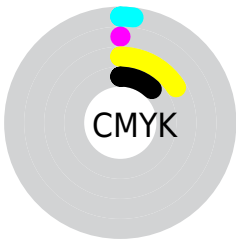
Distribution



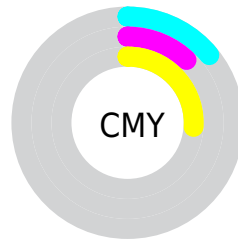
- Red (86%)
- Green (88%)
- Blue (74%)



- Red (74%)
- Yellow (88%)
- Blue (76%)



- Cyan (2%)
- Magenta (0%)
- Yellow (16%)
- Black (12%)



- Cyan (14%)
- Magenta (12%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.3562, 72.2011, 58.6357 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 65.3562, 72.2011, 58.6357 by changing the saturation by 10% instead.

■ 65.3562, 72.2011,
58.6357

■ 65.3562, 72.2011,
58.6357

433.5959,
468.2413, 437.2148

■ 48.0157, 53.3230,
41.9018

■ 111.6247,
122.3424, 104.3719

■ 34.0507, 38.0607,
28.6994

141.2834,
154.3744, 134.2114

■ 23.0956, 26.0298,
18.6100

175.7789,
191.5597, 169.2564

■ 14.7852, 16.8459,
11.2148

215.4766,
234.2829, 209.9256

■ 8.7541, 10.1247,
6.0955

260.7418,
282.9282, 256.6375

■ 4.6370, 5.4817,
2.8335

311.9398,

■ 2.0684, 2.5326,

337.8801, 309.8106

1.0103

369.4361,
399.5230, 369.8636

0.6720, 0.8929,
0.0000

0.0000, 0.0000,
0.0000

65.3562, 72.2011,
58.6357

65.3562, 72.2011,
58.6357

62.3411, 70.9085,
46.7673

68.7627, 73.6564,
72.4858

59.6943, 69.7623,
36.7853

72.5709, 75.2714,
88.3975

57.3992, 68.7580,
28.5939

76.6035, 76.9775,
105.4284

55.4356, 67.8878,
22.0867

77.4212, 77.3990,
105.4667

■ 53.7811, 67.1425,
17.1462

■ 78.2510, 77.8268,
105.5055

■ 52.4105, 66.5121,
13.6400

■ 79.0929, 78.2608,
105.5449

■ 51.2943, 65.9848,
11.4135

■ 79.9470, 78.7011,
105.5849

■ 50.3966, 65.5462,
10.2768

■ 80.8133, 79.1477,
105.6255

■ 50.0456, 65.3715,
9.9803

■ 81.6920, 79.6007,
105.6666

Harmonies

Analogous

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



69.5864, 72.2011, 57.1556



65.3562, 72.2011, 58.6357



62.1304, 72.2011, 65.1986

Triad

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



65.3562, 72.2011, 58.6357



63.7649, 72.2011, 99.4433



77.2659, 72.2011, 81.3873

Complementary

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



65.3562, 72.2011, 58.6357



53.6473, 53.1164, 77.9499

Split Complementary

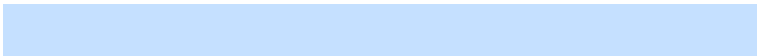
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



75.5571, 72.2011, 93.7556



65.3562, 72.2011, 58.6357



67.6725, 72.2011, 104.8674

Square

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



65.3562, 72.2011, 58.6357



61.2391, 72.2011, 88.5179



72.0010, 72.2011, 102.6834



76.5820, 72.2011, 69.4791

Rectangle

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



65.3562, 72.2011, 58.6357



60.9232, 72.2011, 71.9829



72.0010, 72.2011, 102.6834



76.9500, 72.2011, 85.6418

Sweetspot

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



65.3581, 72.2043, 58.6372



92.5300, 98.9302, 98.4200



58.8878, 57.4426, 56.1290



19.7318, 21.1439, 20.7628



0.0000, 0.0000, 0.0000



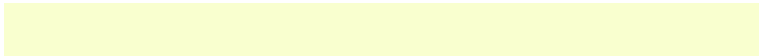
20.3446, 21.4041, 23.3091

Same Dimension

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



65.3581, 72.2043, 58.6372



86.1976, 96.2268, 72.7740



60.4722, 69.6855, 58.4086



14.7093, 15.9458, 14.6094



29.1911, 38.0811, 5.8118



2.0678, 2.6625, 0.4049

Inverse Universe

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



53.6473, 53.1164, 77.9499



67.4321, 65.6388, 103.7232



58.2328, 55.4803, 78.1645



13.0969, 13.3180, 17.2680



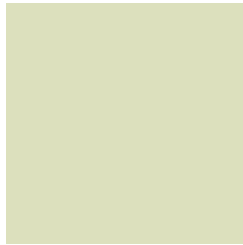
8.1227, 3.2827, 41.2539



0.6122, 0.2529, 2.8618

Previews

White Background



This preview shows how the XYZ color 65.3562, 72.2011, 58.6357 looks on a white background.

Color Contrast Check

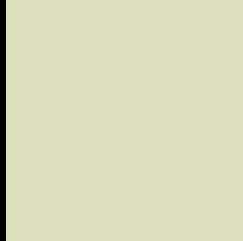
Large Text (above 18pt) WCAG AA × Fail

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 65.3562, 72.2011, 58.6357 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

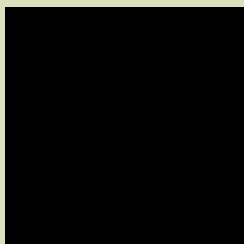
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

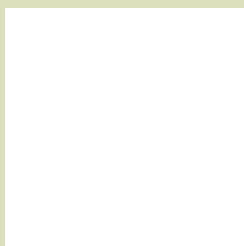
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 65.3562, 72.2011, 58.6357

Background



This preview shows how black text looks on a background with the XYZ color 65.3562, 72.2011, 58.6357.



This preview shows how white text looks on a background with the XYZ color 65.3562, 72.2011,

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

65.3562, 72.2011, 58.6357

Protanopia

67.8416, 71.9301, 57.3220

Deuteranopia

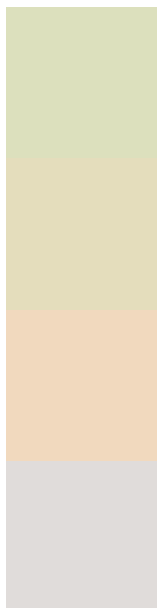
73.7062, 72.2327, 59.3478



Tritanopia

71.4308, 72.3097, 88.7896

Trichromacy



Original Color

65.3562, 72.2011, 58.6357

Protanomaly

66.9285, 71.8377, 57.9155

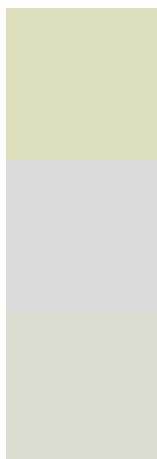
Deuteranomaly

70.3827, 72.0442, 58.9115

Tritanomaly

68.9886, 72.0956, 76.6094

Monochromacy



Original Color

65.3562, 72.2011, 58.6357

Achromatopsia

67.3311, 70.8376, 77.1421

Achromatomaly

66.4550, 71.3270, 69.9394

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.3562, 72.2011, 58.6357 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(220, 224, 189)` looks like.

```
.text, #text, p{  
    color:rgb(220, 224, 189)  
}
```

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(220, 224, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 224, 189) }
```

Border

The CSS property to change the border of an element to XYZ 65.3562, 72.2011, 58.6357 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(220, 224, 189) }
```


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

```
.border{ border-color:rgb(220, 224, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 224, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 224, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 224, 189);  
box-shadow:4px 4px 4px 4px rgb(220, 224,  
189) }
```

Background

The CSS property to change the background color of an element to XYZ 65.3562, 72.2011, 58.6357 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 224, 189) }
```

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

```
.background{ background-color: rgb(220,  
224, 189) }
```

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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