

Converting Colors

XYZ(62.6346, 72.3996, 55.0376)

Have a look what the booklet for
XYZ(62.6346, 72.3996, 55.0376)
contains.

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Color

**XYZ(62.7652, 72.5658,
54.9545)**

Conversions

Conversions Part 1

Format	Color
Hex	D2E4B6
RGB	210, 228, 182
RGB Percent	82%, 89%, 71%
CMY	0.1765, 0.1059, 0.2863
CMYK	0.08, 0.00, 0.20, 0.11
HSL	83°, 46%, 80%
HSV	83°, 20%, 89%
XYZ	62.7652, 72.5658, 54.9545
YIQ	217.3740, 4.0380, -18.1220

Conversions

Conversions Part 2

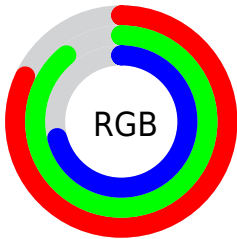
Format	Color
RYB	182, 228, 200
Decimal	13821110
CIELab	88.24, -13.90, 20.49
CIELCh	88, 24.759, 124.161
Yxy	72.5658, 0.3298, 0.3814
Android (android.graphics.Color)	4292011190 (0xFFD2E4B6)
YUV	217.3740, -17.4394, -6.4670
Hunter-Lab	85.1856, -17.5549, 21.3810

Details

The XYZ color **62.7652, 72.5658, 54.9545** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **54.5539, 51.3387, 80.4367**, and the grayscale version is **66.3256, 69.7796, 75.9900**.

A 20% lighter version of the original color is **92.4326, 98.9530, 95.1170**, and **32.4236, 38.4407, 26.4798** is the 20% darker color. If you saturate the color by 10%, you get **58.1285, 70.4281, 43.4229**, and if you desaturate by 10%, it is **67.9311, 74.9363, 68.5165**.

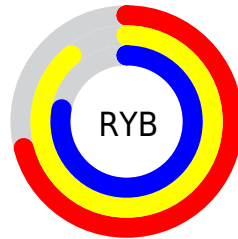
Distribution



Red (82%)

Green (89%)

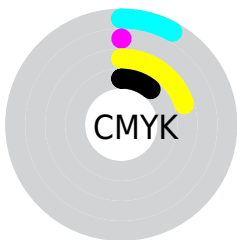
Blue (71%)



Red (71%)

Yellow (89%)

Blue (78%)

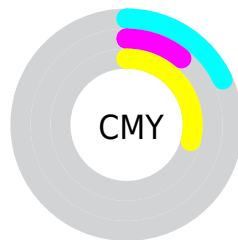


Cyan (8%)

Magenta (0%)

Yellow (20%)

Black (11%)



Cyan (18%)


Magenta (11%)


Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 62.7652, 72.5658, 54.9545 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 62.7652, 72.5658, 54.9545 by changing the saturation by 10% instead.


 62.7652, 72.5658,
54.9545

 62.7652, 72.5658,
54.9545


424.3901,
469.5086, 423.0165

 45.9092, 53.6210,
38.9669


 107.9144,
122.8606, 98.9448

 32.3785, 38.2987,
26.4264


136.9384,
154.9794, 127.7846

 21.8077, 26.2146,
16.9143

170.7490,
192.2583, 161.7455

 13.8315, 16.9843,
10.0121

209.7117,
235.0818, 201.2462

 8.0845, 10.2233,
5.3013

254.1918,
283.8341, 246.7050

 4.2013, 5.5473,
2.3633

304.5546,

 1.8166, 2.5718,

338.8998, 298.5407

0.7663

361.1656,
400.6631, 357.1717

■ 0.5277, 0.9125,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 62.7652, 72.5658,
54.9545

■ 62.7652, 72.5658,
54.9545

■ 58.1285, 70.4281,
43.4229

■ 67.9311, 74.9363,
68.5165

■ 53.9945, 68.5053,
33.8192

■ 73.6401, 77.5383,
84.1953

■ 50.3426, 66.7911,
26.0392

■ 79.9124, 80.3824,
102.0781

■ 47.1485, 65.2755,
19.9668

■ 83.6940, 82.2475,
106.0719

■ 44.3850, 63.9475,
15.4725

■ 86.8947, 83.8975,
106.2217

■ 42.0217, 62.7946,
12.4085

■ 87.0349, 83.9697,
106.2283

■ 40.0224, 61.8019,
10.5989

■ 38.3539, 60.9589,
9.7448

Harmonies

Analogous

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



68.1476, 72.5658, 50.7133



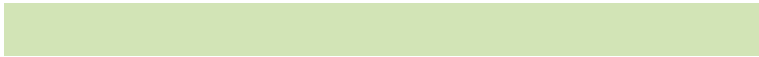
62.7652, 72.5658, 54.9545



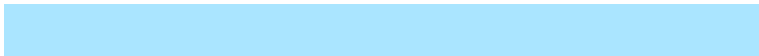
59.2101, 72.5658, 65.6170

Triad

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



62.7652, 72.5658, 54.9545



64.1205, 72.5658, 112.1963



80.9800, 72.5658, 76.6660

Complementary

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



62.7652, 72.5658, 54.9545



54.5539, 51.3387, 80.4367

Split Complementary

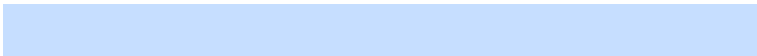
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



79.7511, 72.5658, 94.1157



62.7652, 72.5658, 54.9545



69.8023, 72.5658, 116.2601

Square

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



62.7652, 72.5658, 54.9545



59.9605, 72.5658, 98.8031



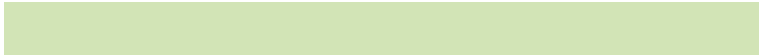
75.5743, 72.5658, 109.2294



78.8431, 72.5658, 62.0574

Rectangle

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



62.7652, 72.5658, 54.9545



58.2392, 72.5658, 75.7361



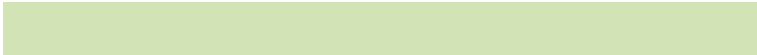
75.5743, 72.5658, 109.2294



80.9477, 72.5658, 82.3806

Sweetspot

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



62.7671, 72.5690, 54.9561



90.5148, 97.9354, 96.3374



61.0105, 61.0128, 52.8181



19.2716, 20.9155, 20.3406



0.0000, 0.0000, 0.0000



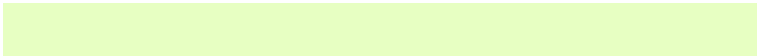
20.3446, 21.4041, 23.3091

Same Dimension

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



62.7671, 72.5690, 54.9561



78.4456, 92.4029, 64.6223



56.7725, 69.4786, 54.6755



15.0270, 16.5210, 15.3013



22.2824, 35.2685, 5.6331



1.7501, 2.6596, 0.4211

Inverse Universe

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



54.5539, 51.3387, 80.4367



66.1367, 60.5819, 102.8154



61.0528, 54.6890, 80.7409



14.1137, 14.1608, 18.1338



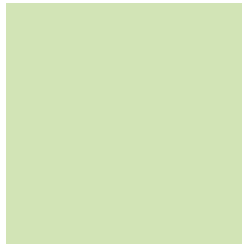
10.6019, 4.5314, 42.6990



0.8852, 0.3873, 3.1601

Previews

White Background



This preview shows how the XYZ color 62.7652, 72.5658, 54.9545 looks on a white background.

Color Contrast Check

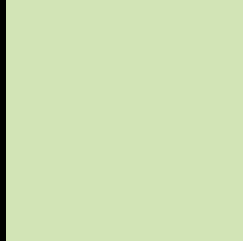
Large Text (above 18pt) WCAG AA × Fail

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 62.7652, 72.5658, 54.9545 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

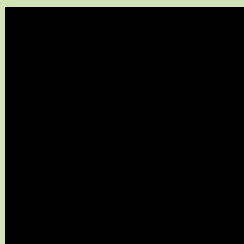
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

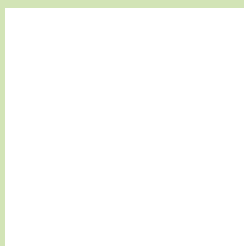
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 62.7652, 72.5658, 54.9545

Background



This preview shows how black text looks on a background with the XYZ color 62.7652, 72.5658, 54.9545.

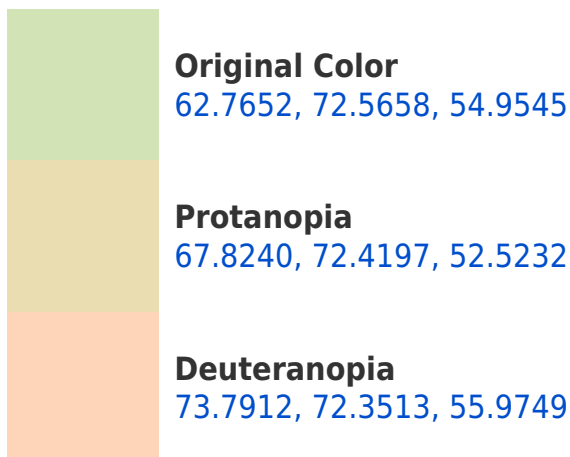


This preview shows how white text looks on a background with the XYZ color 62.7652, 72.5658,

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

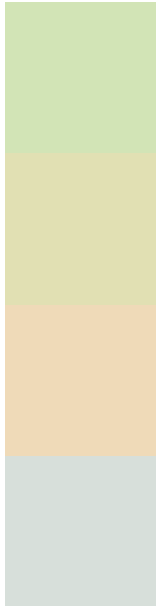




Tritanopia

69.9393, 72.2649, 91.1512

Trichromacy



Original Color

62.7652, 72.5658, 54.9545

Protanomaly

65.8437, 72.5735, 53.1856

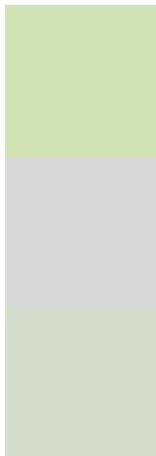
Deuteranomaly

69.3197, 71.9542, 55.5824

Tritanomaly

67.0669, 72.2844, 76.7471

Monochromacy



Original Color

62.7652, 72.5658, 54.9545

Achromatopsia

65.9525, 69.3872, 75.5626

Achromatomaly

64.4871, 70.3687, 67.3104

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.7652, 72.5658, 54.9545 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(210, 228, 182) looks like.

```
.text, #text, p{  
    color:rgb(210, 228, 182)  
}
```

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(210, 228, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 228, 182) }
```

Border

The CSS property to change the border of an element to XYZ 62.7652, 72.5658, 54.9545 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(210, 228, 182) }
```


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

```
.border{ border-color:rgb(210, 228, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 228, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 228, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 228, 182);  
box-shadow:4px 4px 4px 4px rgb(210, 228,  
182) }
```

Background

The CSS property to change the background color of an element to XYZ 62.7652, 72.5658, 54.9545 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 228, 182) }
```

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

```
.background{ background-color: rgb(210,  
228, 182) }
```

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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