

Converting Colors

XYZ(62.2332, 70.4475, 55.9404)

Have a look what the booklet for
XYZ(62.2332, 70.4475, 55.9404)
contains.

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Color

**XYZ(62.5640, 70.8111,
56.2694)**

Conversions

Conversions Part 1

Format	Color
Hex	D4E0B9
RGB	212, 224, 185
RGB Percent	83%, 88%, 73%
CMY	0.1686, 0.1215, 0.2745
CMYK	0.05, 0.00, 0.17, 0.12
HSL	78°, 39%, 80%
HSV	78°, 17%, 88%
XYZ	62.5640, 70.8111, 56.2694
YIQ	215.9660, 5.3670, -14.6730

Conversions

Conversions Part 2

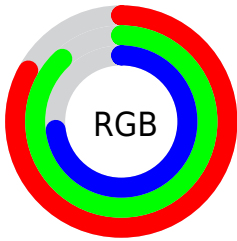
Format	Color
RYB	185, 224, 197
Decimal	13951161
CIELab	87.39, -10.72, 17.77
CIELCh	87, 20.749, 121.099
Yxy	70.8111, 0.3299, 0.3734
Android (android.graphics.Color)	4292141241 (0xFFD4E0B9)
YUV	215.9660, -15.2662, -3.4782
Hunter-Lab	84.1493, -14.5488, 19.2582

Details

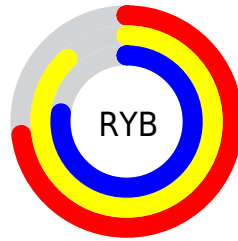
The XYZ color **62.5640, 70.8111, 56.2694** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **53.8322, 51.9520, 77.7152**, and the grayscale version is **65.3468, 68.7500, 74.8687**.

A 20% lighter version of the original color is **92.8772, 99.1309, 97.4581**, and **32.2575, 37.2100, 27.3119** is the 20% darker color. If you saturate the color by 10%, you get **58.4385, 68.9385, 44.6898**, and if you desaturate by 10%, it is **67.1508, 72.8827, 69.8183**.

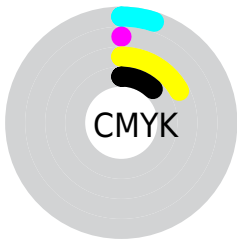
Distribution



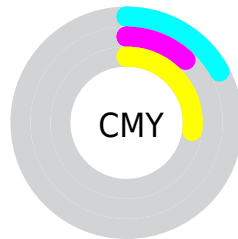
- Red (83%)
- Green (88%)
- Blue (73%)



- Red (73%)
- Yellow (88%)
- Blue (77%)



- Cyan (5%)
- Magenta (0%)
- Yellow (17%)
- Black (12%)





- Cyan (17%)
- Magenta (12%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 62.5640, 70.8111, 56.2694 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 62.5640, 70.8111, 56.2694 by changing the saturation by 10% instead.


 62.5640, 70.8111,
56.2694

 62.5640, 70.8111,
56.2694


423.6703,
463.3928, 428.1228

 45.7459, 52.1881,
40.0135


 107.6256,
120.3647, 100.8881

 32.2491, 37.1550,
27.2352


136.5998,
152.0641, 130.0880

 21.7083, 25.3275,
17.5160


170.3568,
188.8910, 164.4396

 13.7581, 16.3212,
10.4372

209.2618,
231.2299, 204.3615

 8.0332, 9.7518,
5.5804

253.6804,
279.4651, 250.2722

 4.1682, 5.2347,
2.5270

303.9777,

 1.7977, 2.3856,

333.9811, 302.5903

0.8544

360.5192,
395.1622, 361.7343

■ 0.5163, 0.8185,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 62.5640, 70.8111,
56.2694

■ 62.5640, 70.8111,
56.2694

■ 58.4385, 68.9385,
44.6898

■ 67.1508, 72.8827,
69.8183

■ 54.7502, 67.2482,
34.9832

■ 72.2104, 75.1510,
85.4176

■ 51.4811, 65.7350,
27.0522

■ 77.7612, 77.6258,
103.1494

■ 48.6096, 64.3904,
20.7886

■ 80.4993, 78.9857,
105.6107

■ 46.1119, 63.2046,
16.0725

■ 82.8791, 80.2126,
105.7221

■ 43.9610, 62.1666,
12.7682

■ 85.3489, 81.4857,
105.8377

■ 42.1254, 61.2639,
10.7160

■ 85.9471, 81.7941,
105.8657

■ 40.5635, 60.4795,
9.7023

■ 40.1865, 60.2888,
9.5189

Harmonies

Analogous

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



67.1236, 70.8111, 53.1945



62.5640, 70.8111, 56.2694



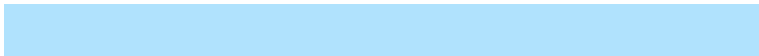
59.4048, 70.8111, 64.8080

Triad

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



62.5640, 70.8111, 56.2694



62.8621, 70.8111, 103.1543



77.1470, 70.8111, 76.5858

Complementary

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



62.5640, 70.8111, 56.2694



53.8322, 51.9520, 77.7152

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.



75.8737, 70.8111, 90.8584



62.5640, 70.8111, 56.2694



67.4844, 70.8111, 107.2730

Square

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



62.5640, 70.8111, 56.2694



59.5710, 70.8111, 91.8603



72.2772, 70.8111, 102.5283



75.6785, 70.8111, 64.0143

Rectangle

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



62.5640, 70.8111, 56.2694



58.4370, 70.8111, 73.0104



72.2772, 70.8111, 102.5283



77.0250, 70.8111, 81.3422

Sweetspot

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



62.5659, 70.8142, 56.2709



91.6356, 98.4692, 98.3781



59.3981, 59.1487, 54.1862



19.5139, 21.0316, 20.7526



0.0000, 0.0000, 0.0000



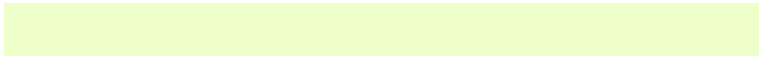
20.3446, 21.4041, 23.3091

Same Dimension

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



62.5659, 70.8142, 56.2709



81.7899, 94.0253, 69.3742



57.3562, 68.1285, 56.0271



14.4398, 15.8069, 14.5968



23.5128, 35.1538, 5.5461



1.7200, 2.4832, 0.3886

Inverse Universe

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



53.8322, 51.9520, 77.7152



67.9346, 64.0983, 103.3994



59.1840, 54.7109, 77.9657



13.3469, 13.4468, 17.2797



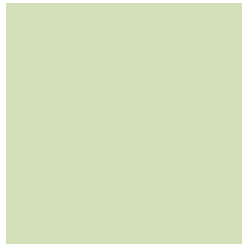
9.3611, 3.9211, 41.3118



0.7384, 0.3180, 2.8677

Previews

White Background



This preview shows how the XYZ color 62.5640, 70.8111, 56.2694 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 62.5640, 70.8111, 56.2694 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

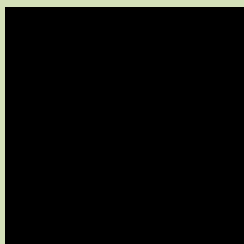
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

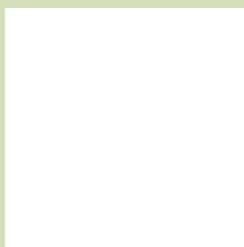
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 62.5640, 70.8111, 56.2694

Background



This preview shows how black text looks on a background with the XYZ color 62.5640, 70.8111, 56.2694.



This preview shows how white text looks on a background with the XYZ color 62.5640, 70.8111,

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

62.5640, 70.8111, 56.2694

Protanopia

66.4699, 70.5091, 54.3623

Deuteranopia

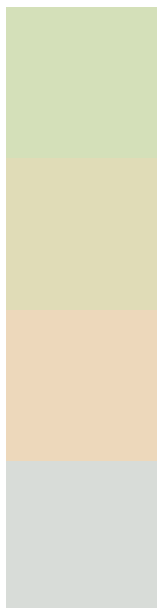
72.1550, 70.7286, 57.4260



Tritanopia

68.8776, 70.6263, 87.8439

Trichromacy



Original Color

62.5640, 70.8111, 56.2694

Protanomaly

64.8809, 70.4526, 54.9789

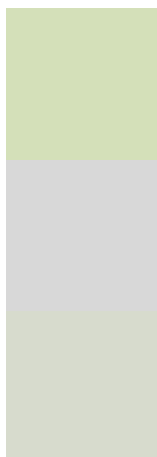
Deuteranomaly

68.4506, 70.7041, 57.0532

Tritanomaly

66.3068, 70.7432, 75.1258

Monochromacy



Original Color

62.5640, 70.8111, 56.2694

Achromatopsia

65.2694, 68.6685, 74.7800

Achromatomaly

64.3753, 69.5179, 67.7830

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.5640, 70.8111, 56.2694 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(212, 224, 185)` looks like.

```
.text, #text, p{  
    color:rgb(212, 224, 185)  
}
```

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(212, 224, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 224, 185) }
```

Border

The CSS property to change the border of an element to XYZ 62.5640, 70.8111, 56.2694 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(212, 224, 185) }
```


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

```
.border{ border-color:rgb(212, 224, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 224, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 224, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 224, 185);  
box-shadow:4px 4px 4px 4px rgb(212, 224,  
185) }
```

Background

The CSS property to change the background color of an element to XYZ 62.5640, 70.8111, 56.2694 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 224, 185) }
```

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

```
.background{ background-color: rgb(212,  
224, 185) }
```

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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