

Converting Colors

XYZ(63.4183, 73.8524, 55.5015)

Have a look what the booklet for
XYZ(63.4183, 73.8524, 55.5015)
contains.

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Color

**XYZ(63.4224, 73.7142,
55.6853)**

Conversions

Conversions Part 1

Format	Color
Hex	D2E6B7
RGB	210, 230, 183
RGB Percent	82%, 90%, 72%
CMY	0.1765, 0.0980, 0.2823
CMYK	0.09, 0.00, 0.20, 0.10
HSL	86°, 48%, 81%
HSV	86°, 20%, 90%
XYZ	63.4224, 73.7142, 55.6853
YIQ	218.6620, 3.1670, -18.8570

Conversions

Conversions Part 2

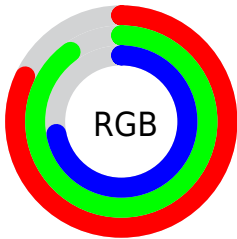
Format	Color
RYB	183, 230, 203
Decimal	13821623
CIELab	88.79, -14.75, 20.73
CIELCh	89, 25.438, 125.429
Yxy	73.7142, 0.3289, 0.3823
Android (android.graphics.Color)	4292011703 (0xFFD2E6B7)
YUV	218.6620, -17.5814, -7.5966
Hunter-Lab	85.8570, -18.3921, 21.6454

Details

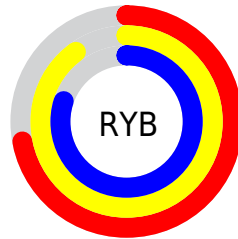
The XYZ color **63.4224, 73.7142, 55.6853** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **55.8480, 52.2787, 82.0143**, and the grayscale version is **67.2158, 70.7163, 77.0100**.

A 20% lighter version of the original color is **92.5800, 99.0120, 95.8931**, and **32.6829, 38.8524, 26.8958** is the 20% darker color. If you saturate the color by 10%, you get **58.5196, 71.4433, 43.9640**, and if you desaturate by 10%, it is **68.8908, 76.2359, 69.4782**.

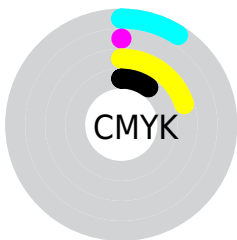
Distribution



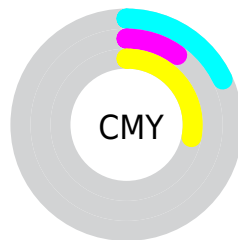
- Red (82%)
- Green (90%)
- Blue (72%)



- Red (72%)
- Yellow (90%)
- Blue (80%)



- Cyan (9%)
- Magenta (0%)
- Yellow (20%)
- Black (10%)





- Cyan (18%)
- Magenta (10%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 63.4224, 73.7142, 55.6853 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 63.4224, 73.7142, 55.6853 by changing the saturation by 10% instead.


 63.4224, 73.7142,
55.6853

 63.4224, 73.7142,
55.6853


426.7362,
473.4864, 425.8594

 46.4429, 54.5602,
39.5484


 108.8571,
124.4906, 100.0255

 32.8016, 39.0497,
26.8755


138.0430,
156.8817, 129.0658

 22.1330, 26.7984,
17.2481


172.0285,
194.4540, 163.2444

 14.0718, 17.4219,
10.2477

211.1788,
237.5918, 202.9797

 8.2527, 10.5357,
5.4558

255.8594,
286.6796, 248.6903

 4.3102, 5.7556,
2.4537

306.4356,

 1.8791, 2.6970,

342.1016, 300.7948

0.8155

363.2727,
404.2425, 359.7116

■ 0.5646, 0.9757,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 63.4224, 73.7142,
55.6853

■ 63.4224, 73.7142,
55.6853

■ 58.5196, 71.4433,
43.9640

■ 68.8908, 76.2359,
69.4782

■ 54.1547, 69.4045,
34.2094

■ 74.9398, 79.0074,
85.4312

■ 50.3059, 67.5911,
26.3147

■ 81.5906, 82.0400,
103.6335

■ 46.9474, 65.9925,
20.1609

■ 85.4713, 83.9853,
106.3137

■ 44.0508, 64.5969,
15.6154

■ 87.5883, 85.0767,
106.4128

■ 41.5840, 63.3910,
12.5265

■ 39.5090, 62.3593,
10.7132

■ 37.8320, 61.5115,
9.8790

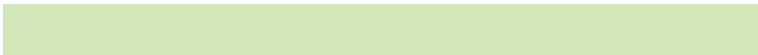
Harmonies

Analogous

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



68.9491, 73.7142, 51.0213



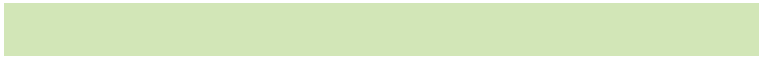
63.4224, 73.7142, 55.6853



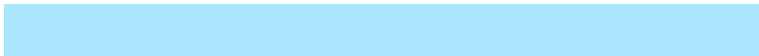
59.8392, 73.7142, 66.9741

Triad

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



63.4224, 73.7142, 55.6853



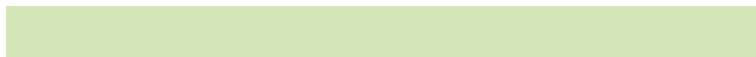
65.2551, 73.7142, 115.2116



82.5210, 73.7142, 77.0971

Complementary

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



63.4224, 73.7142, 55.6853



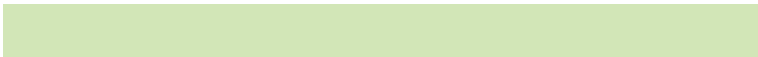
55.8480, 52.2787, 82.0143

Split Complementary

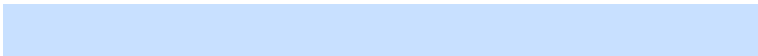
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



81.3899, 73.7142, 95.2011



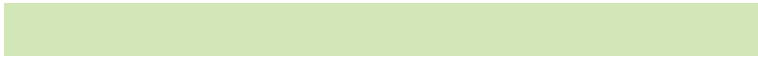
63.4224, 73.7142, 55.6853



71.1891, 73.7142, 118.9647

Square

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



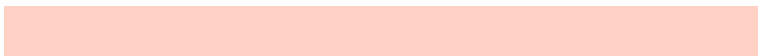
63.4224, 73.7142, 55.6853



60.8531, 73.7142, 101.5632



77.1520, 73.7142, 111.1779



80.1585, 73.7142, 62.1695

Rectangle

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



63.4224, 73.7142, 55.6853



58.9130, 73.7142, 77.5906



77.1520, 73.7142, 111.1779



82.5382, 73.7142, 82.9945

Sweetspot

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



63.4243, 73.7174, 55.6869



90.3284, 97.8393, 96.3287



62.4408, 62.7598, 53.6237



19.2275, 20.8928, 20.3386



0.0000, 0.0000, 0.0000



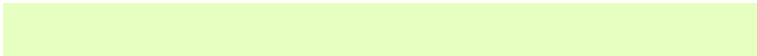
20.3446, 21.4041, 23.3091

Same Dimension

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



63.4243, 73.7174, 55.6869



77.1445, 91.7650, 63.0810



57.3195, 70.5702, 55.4012



14.9780, 16.4958, 15.2990



21.5598, 34.8960, 5.5993



1.6989, 2.6332, 0.4187

Inverse Universe

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



55.8480, 52.2787, 82.0143



65.7632, 59.5551, 102.6369



62.6094, 55.7643, 82.3307



14.1615, 14.1855, 18.1360



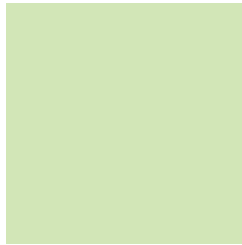
11.0643, 4.7697, 42.7207



0.9220, 0.4063, 3.1618

Previews

White Background



This preview shows how the XYZ color 63.4224, 73.7142, 55.6853 looks on a white background.

Color Contrast Check

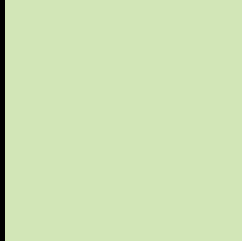
Large Text (above 18pt) WCAG AA × Fail

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 63.4224, 73.7142, 55.6853 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

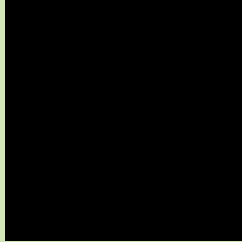
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

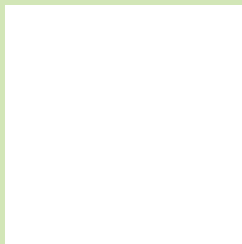
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 63.4224, 73.7142, 55.6853

Background



This preview shows how black text looks on a background with the XYZ color 63.4224, 73.7142, 55.6853.



This preview shows how white text looks on a background with the XYZ color 63.4224, 73.7142,

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

63.4224, 73.7142, 55.6853

Protanopia

68.8500, 73.3301, 53.1732

Deuteranopia

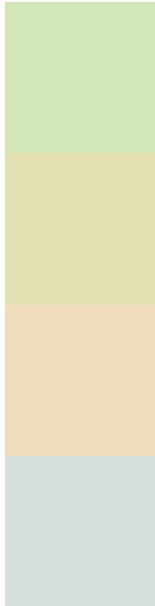
74.7257, 73.5350, 58.3993



Tritanopia

70.7629, 73.4392, 92.8837

Trichromacy



Original Color

63.4224, 73.7142, 55.6853

Protanomaly

66.8420, 73.4766, 53.8395

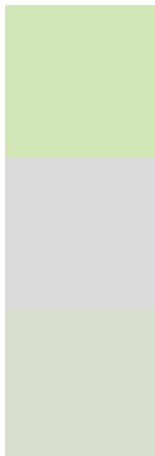
Deuteranomaly

70.1594, 73.1250, 57.4304

Tritanomaly

67.7357, 73.4120, 77.6177

Monochromacy



Original Color

63.4224, 73.7142, 55.6853

Achromatopsia

67.3311, 70.8376, 77.1421

Achromatomaly

65.8472, 71.8305, 68.7867

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.4224, 73.7142, 55.6853 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, 230, 183)` looks like.

```
.text, #text, p{  
    color:rgb(210, 230, 183)  
}
```

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, 230, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 230, 183) }
```

Border

The CSS property to change the border of an element to XYZ 63.4224, 73.7142, 55.6853 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, 230, 183) }
```


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

```
.border{ border-color:rgb(210, 230, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 230, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 230, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 230, 183);  
box-shadow:4px 4px 4px 4px rgb(210, 230,  
183) }
```

Background

The CSS property to change the background color of an element to XYZ 63.4224, 73.7142, 55.6853 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 230, 183) }
```

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

```
.background{ background-color: rgb(210,  
230, 183) }
```

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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