

Converting Colors

XYZ(64.0895, 71.5187, 55.4615)

Have a look what the booklet for
XYZ(64.0895, 71.5187, 55.4615)
contains.

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Color

**XYZ(64.1163, 71.6356,
55.2475)**

Conversions

Conversions Part 1

Format	Color
Hex	DAE0B7
RGB	218, 224, 183
RGB Percent	85%, 88%, 72%
CMY	0.1451, 0.1215, 0.2823
CMYK	0.03, 0.00, 0.18, 0.12
HSL	69°, 40%, 80%
HSV	69°, 18%, 88%
XYZ	64.1163, 71.6356, 55.2475
YIQ	217.5320, 9.5850, -14.0230

Conversions

Conversions Part 2

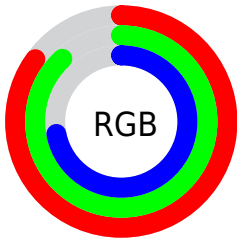
Format	Color
RYB	183, 224, 189
Decimal	14344375
CIELab	87.79, -8.87, 19.43
CIELCh	88, 21.363, 114.540
Yxy	71.6356, 0.3357, 0.3751
Android (android.graphics.Color)	4292534455 (0xFFDAE0B7)
YUV	217.5320, -17.0243, 0.4104
Hunter-Lab	84.6378, -12.8958, 20.5448

Details

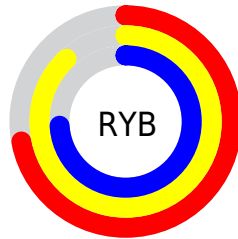
The XYZ color **64.1163, 71.6356, 55.2475** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **51.3771, 50.0695, 77.4814**, and the grayscale version is **66.4287, 69.8882, 76.1083**.

A 20% lighter version of the original color is **92.5800, 99.0120, 95.8931**, and **33.3215, 37.7742, 26.6540** is the 20% darker color. If you saturate the color by 10%, you get **60.9972, 70.2782, 43.8843**, and if you desaturate by 10%, it is **67.6297, 73.1578, 68.5690**.

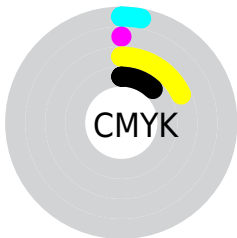
Distribution



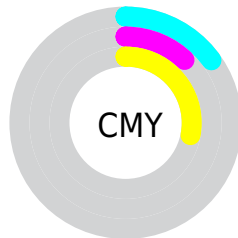
- Red (85%)
- Green (88%)
- Blue (72%)



- Red (72%)
- Yellow (88%)
- Blue (74%)



- Cyan (3%)
- Magenta (0%)
- Yellow (18%)
- Black (12%)



- Cyan (15%)
- Magenta (12%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 64.1163, 71.6356, 55.2475 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 64.1163, 71.6356, 55.2475 by changing the saturation by 10% instead.

■ 64.1163, 71.6356,
55.2475

■ 64.1163, 71.6356,
55.2475

429.2051,
466.2723, 424.1578

■ 47.0069, 52.8611,
39.2000

■ 109.8512,
121.5383, 99.3783

■ 33.2491, 37.6919,
26.6063

139.2074,
153.4353, 128.2986

■ 22.4775, 25.7436,
17.0479

173.3767,
190.4751, 162.3469

■ 14.3267, 16.6319,
10.1064

212.7242,
233.0423, 201.9418

■ 8.4315, 9.9724,
5.3630

257.6155,
281.5213, 247.5018

■ 4.4264, 5.3807,
2.3994

308.4158,

■ 1.9461, 2.4723,

336.2963, 299.4455

0.7861

365.4906,
397.7518, 358.1913

■ 0.6034, 0.8627,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 64.1163, 71.6356,
55.2475

■ 64.1163, 71.6356,
55.2475

■ 60.9972, 70.2782,
43.8843

■ 67.6297, 73.1578,
68.5690

■ 58.2492, 69.0690,
34.3826

■ 71.5482, 74.8419,
83.9304

■ 55.8551, 68.0035,
26.6443

■ 75.8892, 76.6973,
101.4142

■ 53.7940, 67.0736,
20.5602

■ 77.7017, 77.5436,
105.4798

■ 52.0429, 66.2697,
16.0095

■ 78.7713, 78.0950,
105.5299

■ 50.5756, 65.5816,
12.8544

■ 79.8609, 78.6567,
105.5809

■ 49.3611, 64.9968,
10.9330

■ 80.9705, 79.2287,
105.6328

■ 48.3546, 64.4973,
10.0097

■ 82.1003, 79.8111,
105.6857

■ 48.1934, 64.4166,
9.8936

■ 83.2504, 80.4040,
105.7395

Harmonies

Analogous

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



69.0199, 71.6356, 53.3651



64.1163, 71.6356, 55.2475



60.4478, 71.6356, 62.8896

Triad

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



64.1163, 71.6356, 55.2475



62.5842, 71.6356, 103.0361



78.2660, 71.6356, 80.6875

Complementary

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



64.1163, 71.6356, 55.2475



51.3771, 50.0695, 77.4814

Split Complementary

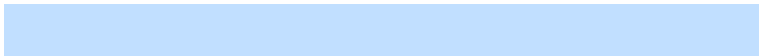
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



76.3452, 71.6356, 95.3531



64.1163, 71.6356, 55.2475



67.1635, 71.6356, 109.2421

Square

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



64.1163, 71.6356, 55.2475



59.5945, 71.6356, 90.1855



72.2194, 71.6356, 106.2696



77.3513, 71.6356, 66.9630

Rectangle

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



64.1163, 71.6356, 55.2475



59.1126, 71.6356, 70.7869



72.2194, 71.6356, 106.2696



77.9277, 71.6356, 85.6850

Sweetspot

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



64.1182, 71.6388, 55.2490



92.3810, 98.8534, 98.4130



57.3732, 55.4343, 52.4768



19.6955, 21.1252, 20.7611



0.0000, 0.0000, 0.0000



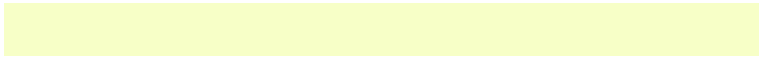
20.3446, 21.4041, 23.3091

Same Dimension

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



64.1182, 71.6388, 55.2490



84.3389, 95.3738, 67.9358



58.5029, 68.7440, 54.9862



14.6642, 15.9226, 14.6073



28.1268, 37.5324, 5.7620



2.0041, 2.6296, 0.4019

Inverse Universe

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



51.3771, 50.0695, 77.4814



64.2149, 61.3029, 103.0559



56.6754, 52.8009, 77.7294



13.1379, 13.3391, 17.2699



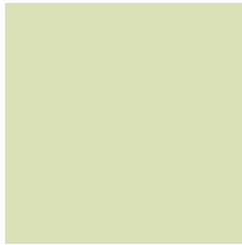
8.2516, 3.3492, 41.2599



0.6317, 0.2629, 2.8627

Previews

White Background



This preview shows how the XYZ color 64.1163, 71.6356, 55.2475 looks on a white background.

Color Contrast Check

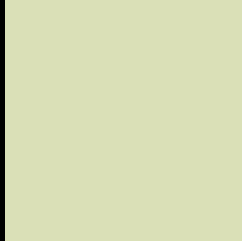
Large Text (above 18pt) WCAG AA × Fail

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 64.1163, 71.6356, 55.2475 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

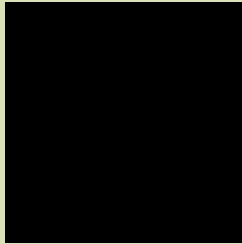
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

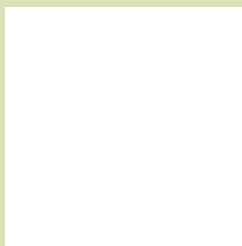
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 64.1163, 71.6356, 55.2475

Background



This preview shows how black text looks on a background with the XYZ color 64.1163, 71.6356, 55.2475.



This preview shows how white text looks on a background with the XYZ color 64.1163, 71.6356,

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

64.1163, 71.6356, 55.2475

Protanopia

67.2763, 71.3229, 53.9369

Deuteranopia

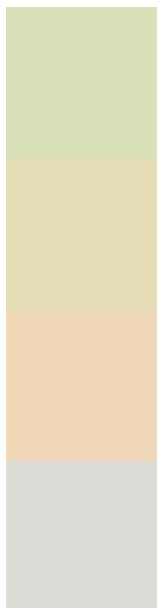
72.9144, 71.5148, 56.4151



Tritanopia

70.7155, 71.5738, 87.9299

Trichromacy



Original Color

64.1163, 71.6356, 55.2475

Protanomaly

66.2949, 71.5843, 54.5790

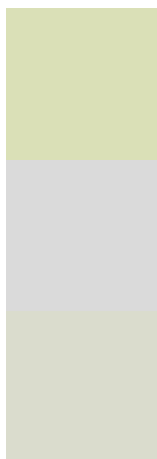
Deuteranomaly

69.2480, 71.1398, 55.9805

Tritanomaly

67.9831, 71.6223, 74.5314

Monochromacy



Original Color

64.1163, 71.6356, 55.2475

Achromatopsia

66.6397, 70.1102, 76.3500

Achromatomaly

65.5261, 70.4996, 67.9118

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.1163, 71.6356, 55.2475 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(218, 224, 183)` looks like.

```
.text, #text, p{  
    color:rgb(218, 224, 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(218, 224, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 224, 183) }
```

Border

The CSS property to change the border of an element to XYZ 64.1163, 71.6356, 55.2475 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(218, 224, 183) }
```


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

```
.border{ border-color:rgb(218, 224, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 224, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(218, 224, 183); -webkit-box-shadow:4px 4px 4px 4px rgb(218, 224, 183); box-shadow:4px 4px 4px 4px rgb(218, 224, 183) }
```

Background

The CSS property to change the background color of an element to XYZ 64.1163, 71.6356, 55.2475 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 224, 183) }
```

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

```
.background{ background-color: rgb(218,  
224, 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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