

Converting Colors

XYZ(64.5548, 75.5500, 55.9838)

Have a look what the booklet for
XYZ(64.5548, 75.5500, 55.9838)
contains.

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Color

**XYZ(64.5501, 75.5456,
55.9794)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | D3E9B7 |
| RGB | 211, 233, 183 |
| RGB Percent | 83%, 91%, 72% |
| CMY | 0.1725, 0.0863, 0.2823 |
| CMYK | 0.09, 0.00, 0.21, 0.09 |
| HSL | 86°, 53%, 82% |
| HSV | 86°, 21%, 91% |
| XYZ | 64.5501, 75.5456, 55.9794 |
| YIQ | 220.7220, 2.9380, -20.2140 |

Conversions

Conversions Part 2

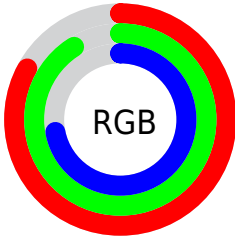
| Format | Color |
|-------------------------------------|--|
| RYB | 183, 233, 205 |
| Decimal | 13887927 |
| CIELab | 89.65, -15.88, 21.93 |
| CIElCh | 90, 27.077, 125.911 |
| Yxy | 75.5456, 0.3292, 0.3853 |
| Android (android.graphics.Color) | 4292078007 (0xFFD3E9B7) |
| YUV | 220.7220, -18.5969, -8.5262 |
| Hunter-Lab | 86.9170, -19.5392, 22.6558 |

Details

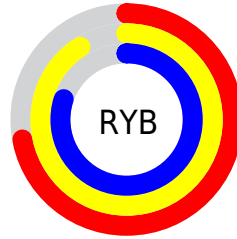
The XYZ color **64.5501, 75.5456, 55.9794** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **56.8214, 52.7315, 84.2783**, and the grayscale version is **68.6588, 72.2344, 78.6633**.

A 20% lighter version of the original color is **92.5800, 99.0120, 95.8931**, and **33.4617, 40.1239, 27.1002** is the 20% darker color. If you saturate the color by 10%, you get **59.4789, 73.1910, 44.1134**, and if you desaturate by 10%, it is **70.2142, 78.1640, 69.9720**.

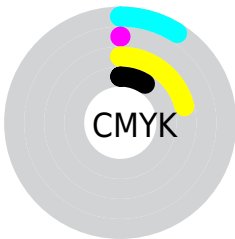
Distribution



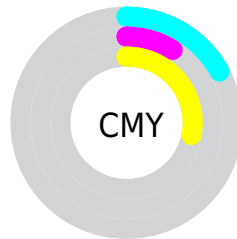
- Red (83%)
- Green (91%)
- Blue (72%)



- Red (72%)
- Yellow (91%)
- Blue (80%)



- Cyan (9%)
- Magenta (0%)
- Yellow (21%)
- Black (9%)



- Cyan (17%)
- Magenta (9%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 64.5501, 75.5456, 55.9794 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 64.5501, 75.5456, 55.9794 by changing the saturation by 10% instead.

■ 64.5501, 75.5456,
55.9794

■ 64.5501, 75.5456,
55.9794

430.7443,
479.7908, 427.0000

■ 47.3597, 56.0600,
39.7825

■ 110.4721,
127.0844, 100.4600

■ 33.5292, 40.2510,
27.0565

139.9344,
159.9063, 129.5807

■ 22.6934, 27.7343,
17.3829

174.2181,
197.9425, 163.8465

■ 14.4867, 18.1255,
10.3430

213.6885,
241.5773, 203.6759

■ 8.5439, 11.0401,
5.5184

258.7110,
291.1952, 249.4874

■ 4.4996, 6.0938,
2.4905

309.6508,

■ 1.9885, 2.9022,

347.1804, 301.6995

0.8351

366.8735,
409.9175, 360.7309

■ 0.6275, 1.0809,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 64.5501, 75.5456,
55.9794

■ 64.5501, 75.5456,
55.9794

■ 59.4789, 73.1910,
44.1134

■ 70.2142, 78.1640,
69.9720

■ 54.9715, 71.0807,
34.2649

■ 76.4870, 81.0454,
86.1831

■ 51.0049, 69.2075,
26.3226

■ 83.3911, 84.2018,
104.7055

■ 47.5519, 67.5601,
20.1624

■ 87.3411, 86.1993,
106.6425

■ 44.5822, 66.1262,
15.6457

■ 88.4305, 86.7609,
106.6935

■ 42.0620, 64.8914,
12.6131

■ 39.9508, 63.8394,
10.8737

■ 38.4183, 63.0638,
10.1477

Harmonies

Analogous

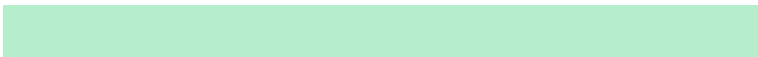
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



70.4927, 75.5456, 50.8977



64.5501, 75.5456, 55.9794



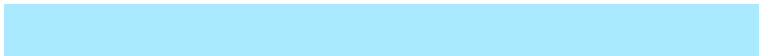
60.7339, 75.5456, 68.1742

Triad

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



64.5501, 75.5456, 55.9794



66.7019, 75.5456, 120.4950



85.3127, 75.5456, 78.5359

Complementary

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



64.5501, 75.5456, 55.9794



56.8214, 52.7315, 84.2783

Split Complementary

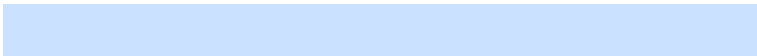
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



84.1432, 75.5456, 98.1552



64.5501, 75.5456, 55.9794



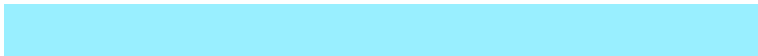
73.1311, 75.5456, 124.4053

Square

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



64.5501, 75.5456, 55.9794



61.9214, 75.5456, 105.7026



79.5816, 75.5456, 115.6874



82.6855, 75.5456, 62.5620

Rectangle

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



64.5501, 75.5456, 55.9794



59.7706, 75.5456, 79.6685



79.5816, 75.5456, 115.6874



85.3526, 75.5456, 84.8996

Sweetspot

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



64.5521, 75.5489, 55.9810



90.2498, 97.7987, 96.3250



63.9060, 64.2486, 53.8339



19.2089, 20.8832, 20.3377



0.0000, 0.0000, 0.0000



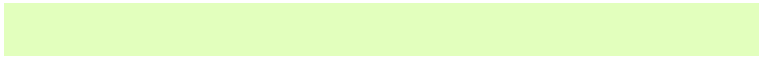
20.3446, 21.4041, 23.3091

Same Dimension

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



64.5521, 75.5489, 55.9810



76.2215, 91.3214, 61.5830



58.0193, 72.1811, 55.6753



15.6752, 17.2781, 16.0276



21.9431, 35.8565, 5.7645



1.8333, 2.8724, 0.4578

Inverse Universe

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



56.8214, 52.7315, 84.2783



65.0596, 58.3726, 102.4458



64.1706, 56.5201, 84.6222



14.8603, 14.8732, 19.0099



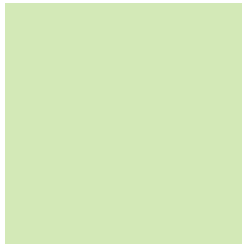
11.6264, 5.0296, 44.1010



1.0218, 0.4510, 3.4681

Previews

White Background



This preview shows how the XYZ color 64.5501, 75.5456, 55.9794 looks on a white background.

Color Contrast Check

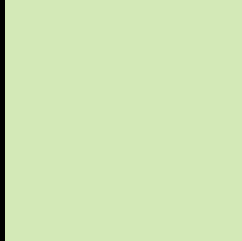
Large Text (above 18pt) WCAG AA × Fail

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 64.5501, 75.5456, 55.9794 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

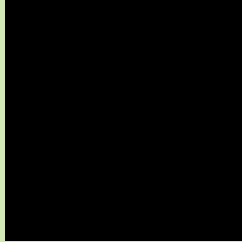
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

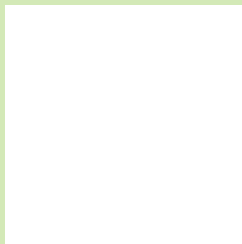
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 64.5501, 75.5456, 55.9794

Background



This preview shows how black text looks on a background with the XYZ color 64.5501, 75.5456, 55.9794.



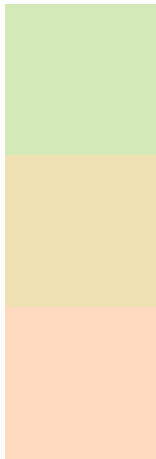
This preview shows how white text looks on a background with the XYZ color 64.5501, 75.5456,

55.9794.

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

64.5501, 75.5456, 55.9794

Protanopia

70.6585, 75.4558, 53.4882

Deuteranopia

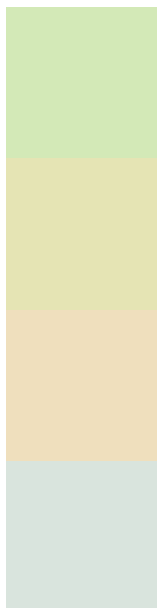
75.9370, 75.2531, 60.9751



Tritanopia

72.6181, 75.5371, 95.5468

Trichromacy



Original Color

64.5501, 75.5456, 55.9794

Protanomaly

68.2947, 75.4401, 54.1419

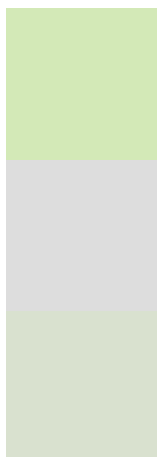
Deuteranomaly

71.1696, 74.8002, 58.8310

Tritanomaly

69.4098, 75.4590, 79.3134

Monochromacy



Original Color

64.5501, 75.5456, 55.9794

Achromatopsia

68.7264, 72.3055, 78.7407

Achromatomaly

66.8030, 73.1071, 69.6217

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.5501, 75.5456, 55.9794 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(211, 233, 183)` looks like.

```
.text, #text, p{  
    color:rgb(211, 233, 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(211, 233, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 233, 183) }
```

Border

The CSS property to change the border of an element to XYZ 64.5501, 75.5456, 55.9794 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(211, 233, 183) }
```


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

```
.border{ border-color:rgb(211, 233, 183) }
```

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

Here you see how a box with a 4 pixel rgb(211, 233, 183) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 233, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 233, 183);  
box-shadow:4px 4px 4px 4px rgb(211, 233,  
183) }
```

Background

The CSS property to change the background color of an element to XYZ 64.5501, 75.5456, 55.9794 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 233, 183) }
```

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

```
.background{ background-color: rgb(211,  
233, 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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