

Converting Colors

XYZ(65.4829, 77.3241, 55.2060)

Have a look what the booklet for
XYZ(65.4829, 77.3241, 55.2060)
contains.

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Color

**XYZ(65.4873, 77.3241,
55.1896)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | D4ECB5 |
| RGB | 212, 236, 181 |
| RGB Percent | 83%, 93%, 71% |
| CMY | 0.1686, 0.0745, 0.2902 |
| CMYK | 0.10, 0.00, 0.23, 0.07 |
| HSL | 86°, 59%, 82% |
| HSV | 86°, 23%, 93% |
| XYZ | 65.4873, 77.3241, 55.1896 |
| YIQ | 222.5540, 3.3510, -22.1930 |

Conversions

Conversions Part 2

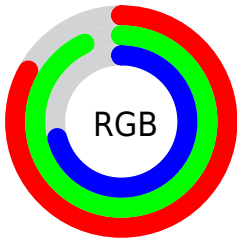
| Format | Color |
|-------------------------------------|---|
| RYB | 181, 236, 205 |
| Decimal | 13954229 |
| CIELab | 90.47, -17.31, 24.11 |
| CIELCh | 90, 29.678, 125.683 |
| Yxy | 77.3241, 0.3307, 0.3905 |
| Android (android.graphics.Color) | 4292144309 (0xFFD4ECB5) |
| YUV | 222.5540, -20.4861, -9.2559 |
| Hunter-Lab | 87.9341, -20.9502, 24.3420 |

Details

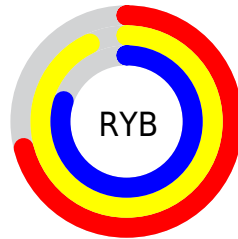
The XYZ color **65.4873, 77.3241, 55.1896** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **56.8442, 52.0852, 86.4184**, and the grayscale version is **69.9636, 73.6071, 80.1582**.

A 20% lighter version of the original color is **92.2861, 98.8944, 94.3453**, and **34.1222, 41.3691, 26.6087** is the 20% darker color. If you saturate the color by 10%, you get **60.3934, 74.9570, 43.3634**, and if you desaturate by 10%, it is **71.1849, 79.9597, 69.1884**.

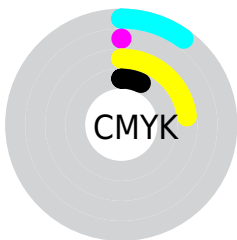
Distribution



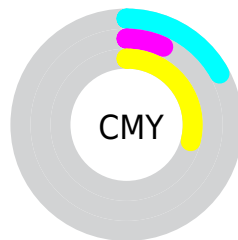
- Red (83%)
- Green (93%)
- Blue (71%)



- Red (71%)
- Yellow (93%)
- Blue (80%)



- Cyan (10%)
- Magenta (0%)
- Yellow (23%)
- Black (7%)



- Cyan (17%)
- Magenta (7%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.4873, 77.3241, 55.1896 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 65.4873, 77.3241, 55.1896 by changing the saturation by 10% instead.

65.4873, 77.3241,
55.1896

65.4873, 77.3241,
55.1896

434.0586,
485.8683, 423.9324

48.1225, 57.5189,
39.1539

111.8120,
129.5969, 99.2926

34.1356, 41.4220,
26.5707

141.5025,
162.8333, 128.1971

23.1611, 28.6490,
17.0215

176.0324,
201.3155, 162.2281

14.8339, 18.8154,
10.0877

215.7669,
245.4280, 201.8044

8.7884, 11.5370,
5.3508

261.0715,
295.5551, 247.3445

4.6594, 6.4292,
2.3922


312.3113,


2.0816, 3.1078,


352.0813, 299.2668


0.7822


369.8520,
415.3909, 357.9899


 0.6792, 1.1883,
0.0000


 0.0000, 0.0521,
0.0000


 65.4873, 77.3241,
55.1896


 65.4873, 77.3241,
55.1896

 60.3934, 74.9570,
43.3634


 71.1849, 79.9597,
69.1884

 55.8731, 72.8382,
33.5959

 77.5028, 82.8632,
85.4562

 51.9022, 70.9602,
25.7703

 84.4643, 86.0468,
104.0895

 48.4524, 69.3113,
19.7561

 88.6279, 88.1342,
106.9482

■ 45.4919, 67.8783,
15.4067

■ 89.2870, 88.4740,
106.9790

■ 42.9847, 66.6464,
12.5528

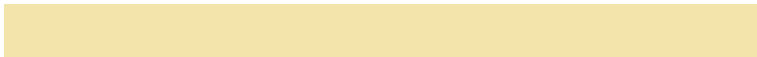
■ 40.8878, 65.5978,
10.9890

■ 39.6710, 64.9812,
10.4517

Harmonies

Analogous

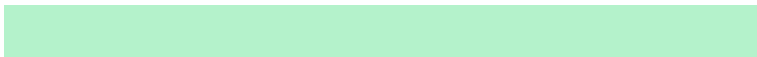
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



72.0915, 77.3241, 49.7456



65.4873, 77.3241, 55.1896



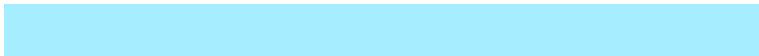
61.2517, 77.3241, 68.4722

Triad

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



65.4873, 77.3241, 55.1896



67.7778, 77.3241, 127.1557



88.6149, 77.3241, 80.2139

Complementary

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



65.4873, 77.3241, 55.1896



56.8442, 52.0852, 86.4184

Split Complementary

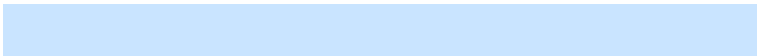
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



87.2681, 77.3241, 102.1523



65.4873, 77.3241, 55.1896



74.9151, 77.3241, 131.7139

Square

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



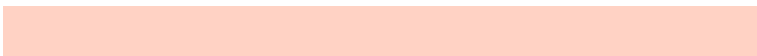
65.4873, 77.3241, 55.1896



62.5106, 77.3241, 110.3279



82.1286, 77.3241, 121.9071



85.6946, 77.3241, 62.5499

Rectangle

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



65.4873, 77.3241, 55.1896



60.1736, 77.3241, 81.1560



82.1286, 77.3241, 121.9071



88.6485, 77.3241, 87.3045

Sweetspot

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



65.4893, 77.3275, 55.1913



89.4998, 97.4555, 94.3294



64.7269, 64.7547, 52.8047



19.0580, 20.8142, 19.9353



0.0000, 0.0000, 0.0000



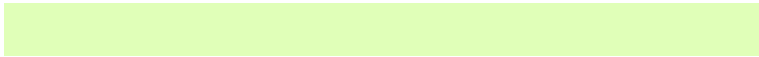
20.3446, 21.4041, 23.3091

Same Dimension

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



65.4893, 77.3275, 55.1913



75.0606, 90.7856, 58.6951



58.2656, 73.6035, 54.8532



15.6806, 17.2809, 16.0278



22.0176, 35.8949, 5.7680



1.8390, 2.8754, 0.4581

Inverse Universe

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



56.8442, 52.0852, 86.4184



63.0616, 55.7459, 102.0441



65.0541, 56.3176, 86.8027



14.8549, 14.8705, 19.0096



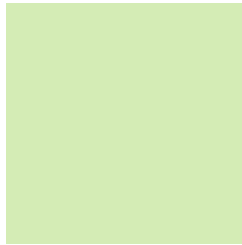
11.5713, 5.0011, 44.0984



1.0172, 0.4487, 3.4679

Previews

White Background



This preview shows how the XYZ color 65.4873, 77.3241, 55.1896 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 65.4873, 77.3241, 55.1896 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

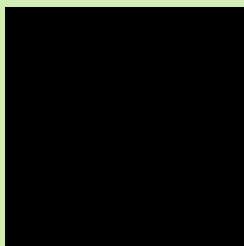
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

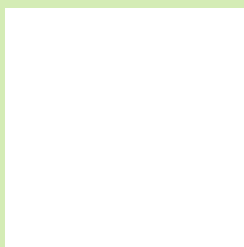
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 65.4873, 77.3241, 55.1896

Background



This preview shows how black text looks on a background with the XYZ color 65.4873, 77.3241, 55.1896.

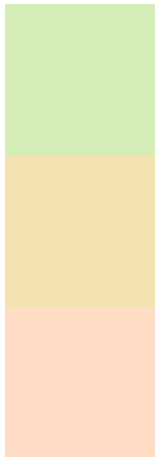


This preview shows how white text looks on a background with the XYZ color 65.4873, 77.3241,

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

65.4873, 77.3241, 55.1896

Protanopia

72.0228, 76.9897, 52.6595

Deuteranopia

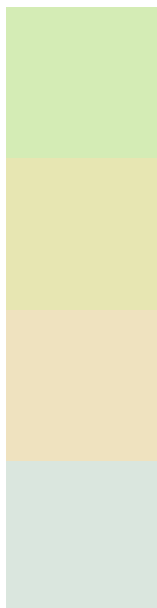
77.1745, 77.0041, 63.6191



Tritanopia

73.7693, 76.9029, 97.3419

Trichromacy



Original Color

65.4873, 77.3241, 55.1896

Protanomaly

69.2877, 76.7969, 53.2909

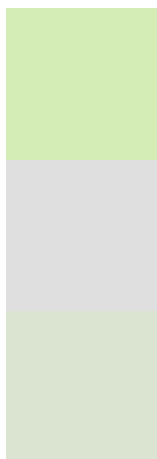
Deuteranomaly

72.1969, 76.5050, 60.2520

Tritanomaly

70.3951, 76.7730, 80.2157

Monochromacy



Original Color

65.4873, 77.3241, 55.1896

Achromatopsia

70.1384, 73.7910, 80.3584

Achromatomaly

68.3420, 75.1009, 70.5684

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.4873, 77.3241, 55.1896 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, 236, 181)` looks like.

```
.text, #text, p{  
    color:rgb(212, 236, 181)  
}
```

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, 236, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 236, 181) }
```

Border

The CSS property to change the border of an element to XYZ 65.4873, 77.3241, 55.1896 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, 236, 181) }
```


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

```
.border{ border-color:rgb(212, 236, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 236, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 236, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 236, 181);  
box-shadow:4px 4px 4px 4px rgb(212, 236,  
181) }
```

Background

The CSS property to change the background color of an element to XYZ 65.4873, 77.3241, 55.1896 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 236, 181) }
```

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

```
.background{ background-color: rgb(212,  
236, 181) }
```

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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