

Converting Colors

XYZ(66.5836, 79.1075, 55.3220)

Have a look what the booklet for
XYZ(66.5836, 79.1075, 55.3220)
contains.

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Color

**XYZ(66.6476, 79.2153,
55.4935)**

Conversions

Conversions Part 1

Format	Color
Hex	D5EFB5
RGB	213, 239, 181
RGB Percent	84%, 94%, 71%
CMY	0.1647, 0.0627, 0.2902
CMYK	0.11, 0.00, 0.24, 0.06
HSL	87°, 64%, 82%
HSV	87°, 24%, 94%
XYZ	66.6476, 79.2153, 55.4935
YIQ	224.6140, 3.1220, -23.5500

Conversions

Conversions Part 2

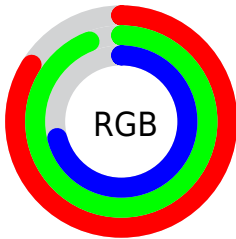
Format	Color
RYB	181, 239, 207
Decimal	14020533
CIELab	91.33, -18.43, 25.30
CIELCh	91, 31.299, 126.072
Yxy	79.2153, 0.3310, 0.3934
Android (android.graphics.Color)	4292210613 (0xFFD5EFB5)
YUV	224.6140, -21.5017, -10.1855
Hunter-Lab	89.0030, -22.0901, 25.3347

Details

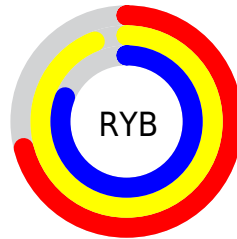
The XYZ color **66.6476, 79.2153, 55.4935** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **57.8391, 52.5473, 88.7598**, and the grayscale version is **71.4406, 75.1610, 81.8504**.

A 20% lighter version of the original color is **92.2861, 98.8944, 94.3453**, and **34.9303, 42.6946, 26.8219** is the 20% darker color. If you saturate the color by 10%, you get **61.3971, 76.7704, 43.5260**, and if you desaturate by 10%, it is **72.5284, 81.9413, 69.6897**.

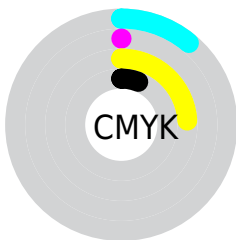
Distribution



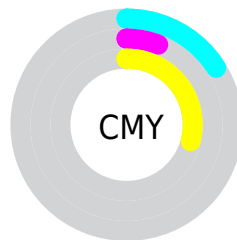
- Red (84%)
- Green (94%)
- Blue (71%)



- Red (71%)
- Yellow (94%)
- Blue (81%)



- Cyan (11%)
- Magenta (0%)
- Yellow (24%)
- Black (6%)





- Cyan (16%)
- Magenta (6%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 66.6476, 79.2153, 55.4935 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 66.6476, 79.2153, 55.4935 by changing the saturation by 10% instead.


 66.6476, 79.2153,
55.4935

 66.6476, 79.2153,
55.4935


438.1416,
492.2844, 425.1145

 49.0679, 59.0728,
39.3957


 113.4679,
132.2619, 99.7420

 34.8881, 42.6718,
26.7575


143.4393,
165.9349, 128.7298

 23.7428, 29.6277,
17.1604


178.2719,
204.8868, 162.8514

 15.2667, 19.5561,
10.1857

218.3311,
249.5020, 202.5253

 9.0943, 12.0728,
5.4151

263.9824,
300.1650, 248.1700

 4.8603, 6.7933,
2.4298

315.5910,

 2.1995, 3.3332,

357.2601, 300.2040

0.8026

373.5222,
421.1718, 359.0460

■ 0.7425, 1.3080,
0.0000

■ 0.0000, 0.1474,
0.0000

■ 66.6476, 79.2153,
55.4935

■ 66.6476, 79.2153,
55.4935

■ 61.3971, 76.7704,
43.5260

■ 72.5284, 81.9413,
69.6897

■ 56.7452, 74.5857,
33.6689

■ 79.0571, 84.9479,
86.2147

■ 52.6667, 72.6530,
25.8006

■ 86.2580, 88.2481,
105.1687

■ 49.1315, 70.9601,
19.7851

■ 90.1581, 90.2162,
107.2694

■ 46.1063, 69.4929,
15.4692

■ 43.5529, 68.2358,
12.6753

■ 41.4255, 67.1698,
11.1865

■ 40.3608, 66.6298,
10.7336

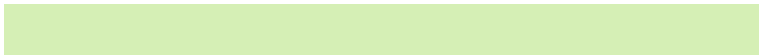
Harmonies

Analogous

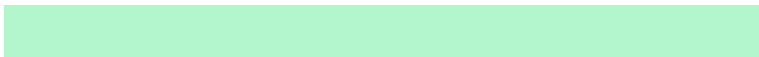
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



73.6867, 79.2153, 49.6417



66.6476, 79.2153, 55.4935



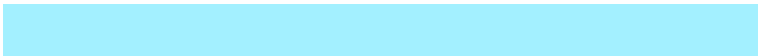
62.1696, 79.2153, 69.6915

Triad

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



66.6476, 79.2153, 55.4935



69.2624, 79.2153, 132.7591



91.5327, 79.2153, 81.7046

Complementary

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



66.6476, 79.2153, 55.4935



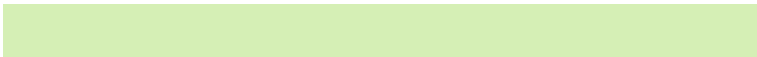
57.8391, 52.5473, 88.7598

Split Complementary

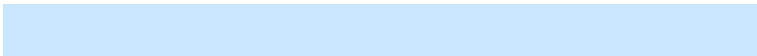
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



90.1415, 79.2153, 105.2477



66.6476, 79.2153, 55.4935



76.9199, 79.2153, 137.5011

Square

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



66.6476, 79.2153, 55.4935



63.6033, 79.2153, 114.6726



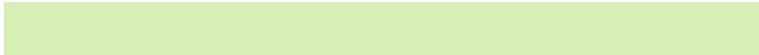
84.6528, 79.2153, 126.6823



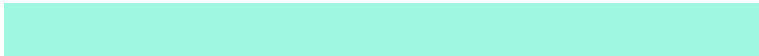
88.3311, 79.2153, 62.9640

Rectangle

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



66.6476, 79.2153, 55.4935



61.0521, 79.2153, 83.2889



84.6528, 79.2153, 126.6823



91.5895, 79.2153, 89.2845

Sweetspot

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



66.6497, 79.2188, 55.4952



89.4248, 97.4169, 94.3259



66.0435, 65.8966, 52.9557



19.0406, 20.8052, 19.9345



0.0000, 0.0000, 0.0000



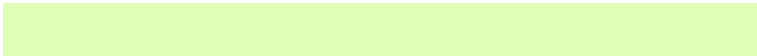
20.3446, 21.4041, 23.3091

Same Dimension

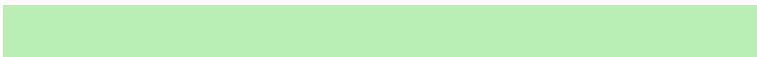
The Same Dimension uses a secret algorithm to generate beautiful new colors.



66.6497, 79.2188, 55.4952



74.1827, 90.3636, 57.2750



59.1848, 75.3705, 55.1459



16.3997, 18.0862, 16.7763



22.4565, 36.8983, 5.9385



1.9826, 3.1286, 0.4994

Inverse Universe

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



57.8391, 52.5473, 88.7598



62.3752, 54.6149, 101.8619



66.4118, 56.9667, 89.1610



15.5701, 15.5756, 19.9074



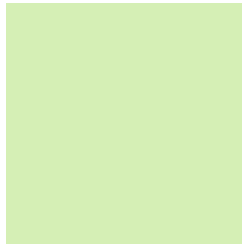
12.1168, 5.2518, 45.5030



1.1209, 0.4951, 3.7907

Previews

White Background



This preview shows how the XYZ color 66.6476, 79.2153, 55.4935 looks on a white background.

Color Contrast Check

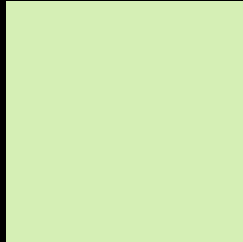
Large Text (above 18pt) WCAG AA × Fail

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 66.6476, 79.2153, 55.4935 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

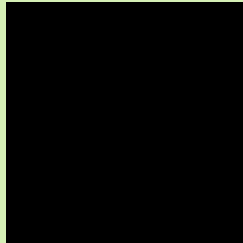
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

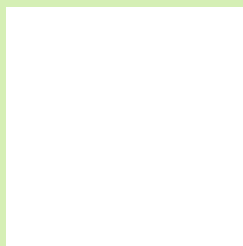
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 66.6476, 79.2153, 55.4935

Background



This preview shows how black text looks on a background with the XYZ color 66.6476, 79.2153, 55.4935.

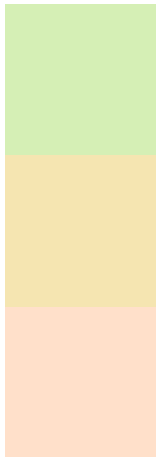


This preview shows how white text looks on a background with the XYZ color 66.6476, 79.2153,

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

66.6476, 79.2153, 55.4935

Protanopia

73.6113, 78.6254, 52.8915

Deuteranopia

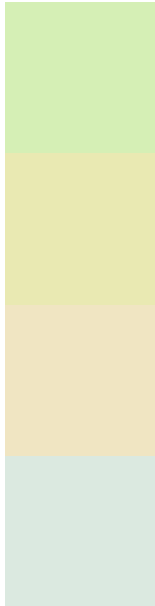
78.5563, 78.8356, 66.9535



Tritanopia

75.6715, 79.0589, 100.0785

Trichromacy



Original Color

66.6476, 79.2153, 55.4935

Protanomaly

70.7791, 78.8158, 53.6020

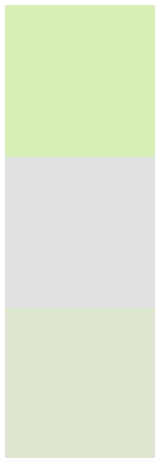
Deuteranomaly

73.6921, 78.4589, 62.2990

Tritanomaly

71.8069, 78.7197, 81.9308

Monochromacy



Original Color

66.6476, 79.2153, 55.4935

Achromatopsia

71.5672, 75.2942, 81.9954

Achromatomaly

69.6242, 76.5692, 71.4314

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.6476, 79.2153, 55.4935 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(213, 239, 181)` looks like.

```
.text, #text, p{  
    color:rgb(213, 239, 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(213, 239, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 239, 181) }
```

Border

The CSS property to change the border of an element to XYZ 66.6476, 79.2153, 55.4935 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(213, 239, 181) }
```


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

```
.border{ border-color:rgb(213, 239, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 239, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 239, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 239, 181);  
box-shadow:4px 4px 4px 4px rgb(213, 239,  
181) }
```

Background

The CSS property to change the background color of an element to XYZ 66.6476, 79.2153, 55.4935 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 239, 181) }
```

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

```
.background{ background-color: rgb(213,  
239, 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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