

Converting Colors

XYZ(65.2710, 86.0693, 43.3099)

Have a look what the booklet for
XYZ(65.2710, 86.0693, 43.3099)
contains.

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Color

**XYZ(65.3292, 86.0993,
43.3126)**

Conversions

Conversions Part 1

Format	Color
Hex	C8FF99
RGB	200, 255, 153
RGB Percent	78%, 100%, 60%
CMY	0.2157, 0.0000, 0.4000
CMYK	0.22, 0.00, 0.40, 0.00
HSL	92°, 100%, 80%
HSV	92°, 40%, 100%
XYZ	65.3292, 86.0993, 43.3126
YIQ	226.9270, -0.0380, -43.3820

Conversions

Conversions Part 2

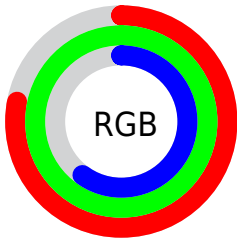
Format	Color
RYB	153, 255, 208
Decimal	13172633
CIELab	94.35, -34.41, 43.18
CIELCh	94, 55.211, 128.552
Yxy	86.0993, 0.3355, 0.4421
Android (android.graphics.Color)	4291362713 (0xFFC8FF99)
YUV	226.9270, -36.4460, -23.6150
Hunter-Lab	92.7897, -36.7079, 37.2773

Details

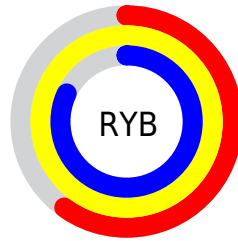
The XYZ color **65.3292, 86.0993, 43.3126** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **55.4548, 43.4137, 100.0646**, and the grayscale version is **73.2168, 77.0298, 83.8854**.

A 20% lighter version of the original color is **88.3852, 97.3341, 73.8035**, and **33.9959, 47.2376, 19.3826** is the 20% darker color. If you saturate the color by 10%, you get **59.9342, 83.5359, 33.2161**, and if you desaturate by 10%, it is **71.5053, 89.0132, 55.7972**.

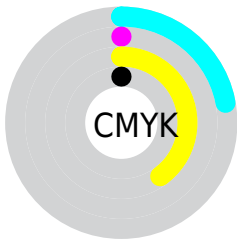
Distribution



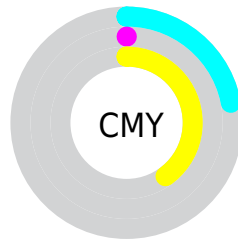
- Red (78%)
- Green (100%)
- Blue (60%)



- Red (60%)
- Yellow (100%)
- Blue (82%)



- Cyan (22%)
- Magenta (0%)
- Yellow (40%)
- Black (0%)





- Cyan (22%)
- Magenta (0%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 65.3292, 86.0993, 43.3126 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 65.3292, 86.0993, 43.3126 by changing the saturation by 10% instead.


 65.3292, 86.0993,
43.3126


 65.3292, 86.0993,
43.3126


433.5006,
515.2586, 375.8547

 47.9938, 64.7501,
29.7972


 111.5861,
141.9081, 81.4738

 34.0332, 47.2585,
19.4340


 141.2382,
177.1364, 106.9567

 23.0821, 33.2400,
11.8043


175.7267,
217.7599, 137.2659

 14.7752, 22.3104,
6.4897

215.4168,
264.1629, 172.8199

 8.7470, 14.0851,
3.0715

260.6738,
316.7299, 214.0372

 4.6323, 8.1799,
1.1312

311.8633,

 2.0657, 4.2103,

375.8453, 261.3364

0.0000

369.3504,
441.8934, 315.1361

■ 0.6705, 1.7919,
0.0000

■ 0.0000, 0.4821,
0.0000

■ 65.3292, 86.0993,
43.3126

■ 65.3292, 86.0993,
43.3126

■ 59.9342, 83.5359,
33.2161

■ 71.5053, 89.0132,
55.7972

■ 55.2816, 81.3067,
25.3512

■ 78.4962, 92.2922,
70.8055

■ 51.3305, 79.3942,
19.5487

■ 86.3347, 95.9503,
88.4674

■ 48.0345, 77.7787,
15.6134

95.0500, 100.0000,
108.9000

■ 45.3396, 76.4376,
13.3127

■ 43.1633, 75.3365,
12.2666

■ 43.1631, 75.3364,
12.2665

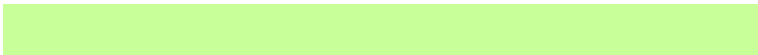
Harmonies

Analogous

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



77.6700, 86.0993, 33.9874



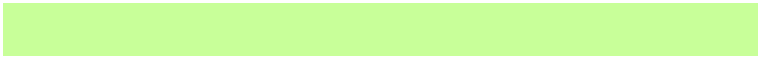
65.3292, 86.0993, 43.3126



58.0744, 86.0993, 66.9604

Triad

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



65.3292, 86.0993, 43.3126



71.8510, 86.0993, 192.0680



113.3720, 86.0993, 82.1278

Complementary

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



65.3292, 86.0993, 43.3126



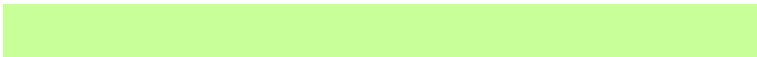
55.4548, 43.4137, 100.0646

Split Complementary

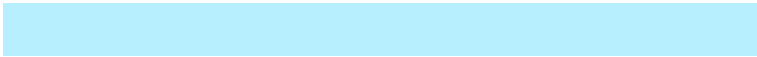
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



111.3258, 86.0993, 126.8672



65.3292, 86.0993, 43.3126



86.1458, 86.0993, 199.8229

Square

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



65.3292, 86.0993, 43.3126



61.5114, 86.0993, 154.3613



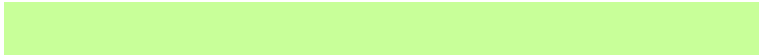
100.9097, 86.0993, 173.1491



106.2039, 86.0993, 51.5297

Rectangle

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



65.3292, 86.0993, 43.3126



56.5256, 86.0993, 91.7002



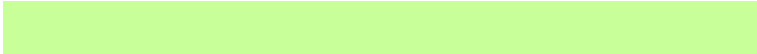
100.9097, 86.0993, 173.1491



113.7549, 86.0993, 95.8251

Sweetspot

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



65.3295, 86.0994, 43.3139



84.6968, 95.1873, 84.7148



69.4002, 68.3804, 39.6792



17.9038, 20.2692, 17.6209



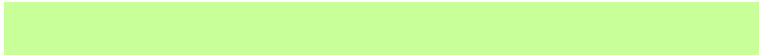
0.0000, 0.0000, 0.0000



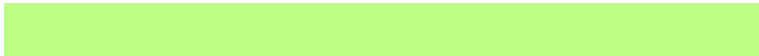
20.3446, 21.4041, 23.3091

Same Dimension

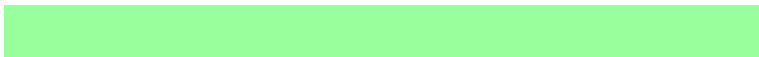
The Same Dimension uses a secret algorithm to generate beautiful new colors.



65.3295, 86.0994, 43.3139



60.9520, 84.0211, 35.0509



54.9323, 80.7066, 44.3143



18.5669, 20.5782, 19.1377



22.7215, 39.4514, 6.4173



2.3367, 3.9054, 0.6307

Inverse Universe

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



55.4548, 43.4137, 100.0646



49.8304, 35.9734, 98.9249



70.1391, 51.0464, 97.9197



17.9388, 17.8602, 22.7518



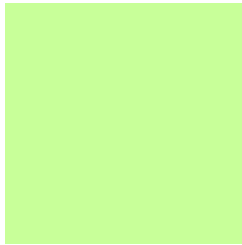
15.0396, 6.6637, 49.9281



1.5905, 0.7138, 4.8672

Previews

White Background



This preview shows how the XYZ color 65.3292, 86.0993, 43.3126 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 65.3292, 86.0993, 43.3126 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

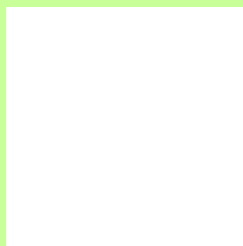
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 65.3292, 86.0993, 43.3126

Background



This preview shows how black text looks on a background with the XYZ color 65.3292, 86.0993, 43.3126.

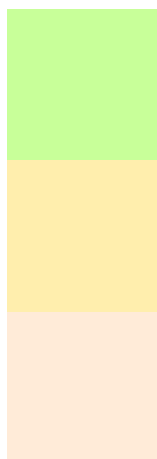


This preview shows how white text looks on a background with the XYZ color 65.3292, 86.0993,

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

65.3292, 86.0993, 43.3126

Protanopia

79.3574, 85.4262, 51.8415

Deuteranopia

83.3430, 85.6345, 77.1022



Tritanopia

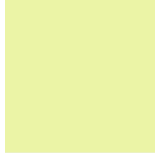
79.9367, 85.8186, 106.9593

Trichromacy



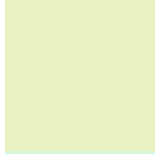
Original Color

65.3292, 86.0993, 43.3126



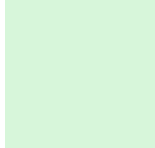
Protanomaly

73.4946, 85.1167, 48.6320



Deuteranomaly

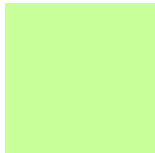
75.6387, 85.0167, 62.8754



Tritanomaly

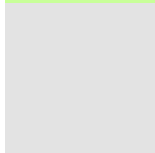
73.6350, 85.4206, 78.9365

Monochromacy



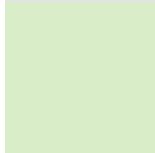
Original Color

65.3292, 86.0993, 43.3126



Achromatopsia

73.0128, 76.8151, 83.6517



Achromatomaly

69.3248, 79.4902, 66.3329

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.3292, 86.0993, 43.3126 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(200, 255, 153)` looks like.

```
.text, #text, p{  
    color:rgb(200, 255, 153)  
}
```

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(200, 255, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 255, 153) }
```

Border

The CSS property to change the border of an element to XYZ 65.3292, 86.0993, 43.3126 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(200, 255, 153) }
```


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

```
.border{ border-color:rgb(200, 255, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 255, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 255, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 255, 153);  
box-shadow:4px 4px 4px 4px rgb(200, 255,  
153) }
```

Background

The CSS property to change the background color of an element to XYZ 65.3292, 86.0993, 43.3126 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 255, 153) }
```

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

```
.background{ background-color: rgb(200,  
255, 153) }
```

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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