

Converting Colors

XYZ(43.1395, 65.9793, 45.8106)

Have a look what the booklet for
XYZ(43.1395, 65.9793, 45.8106)
contains.

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Color

**XYZ(43.1267, 65.9862,
45.5856)**

Conversions

Conversions Part 1

Format	Color
Hex	6EECA4
RGB	110, 236, 164
RGB Percent	43%, 93%, 64%
CMY	0.5686, 0.0745, 0.3569
CMYK	0.53, 0.00, 0.31, 0.07
HSL	146°, 77%, 68%
HSV	146°, 53%, 93%
XYZ	43.1267, 65.9862, 45.5856
YIQ	190.1180, -51.9840, -49.1040

Conversions

Conversions Part 2

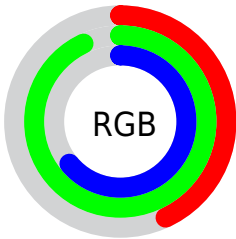
Format	Color
RYB	110, 198, 236
Decimal	7269540
CIELab	84.99, -51.09, 24.50
CIELCh	85, 56.657, 154.377
Yxy	65.9862, 0.2788, 0.4265
Android (android.graphics.Color)	4285459620 (0xFF6EECA4)
YUV	190.1180, -12.8762, -70.2635
Hunter-Lab	81.2319, -47.3886, 23.5900

Details

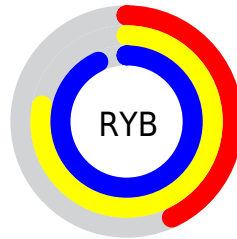
The XYZ color **43.1267, 65.9862, 45.5856** is a light color, and the websafe version is hex **66FFCC**. A complement of this color would be **48.6136, 32.3636, 47.9429**, and the grayscale version is **49.1063, 51.6636, 56.2617**.

A 20% lighter version of the original color is **64.9084, 85.0695, 80.0169**, and **20.0834, 33.9455, 20.8229** is the 20% darker color. If you saturate the color by 10%, you get **39.4182, 64.2096, 39.3887**, and if you desaturate by 10%, it is **47.7496, 68.2229, 52.5024**.

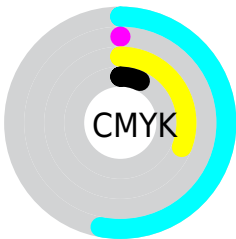
Distribution



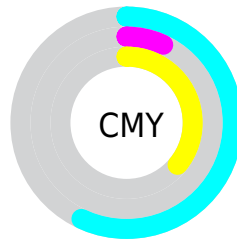
- Red (43%)
- Green (93%)
- Blue (64%)



- Red (43%)
- Yellow (78%)
- Blue (93%)



- Cyan (53%)
- Magenta (0%)
- Yellow (31%)
- Black (7%)




- Cyan (57%)
- Magenta (7%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.1267, 65.9862, 45.5856 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 43.1267, 65.9862, 45.5856 by changing the saturation by 10% instead.


 43.1267, 65.9862,
45.5856


 43.1267, 65.9862,
45.5856


350.0452,
446.3275, 385.3692


 30.1795, 48.2612,
31.5726


 79.1565, 113.4665,
84.9262

 20.1236, 34.0338,
20.7732


 102.9699,
143.9906, 111.0909

 12.5937, 22.9196,
12.7687

 131.1360,
179.5499, 142.1433

 7.2244, 14.5341,
7.1406

164.0202,
220.5288, 178.5019

 3.6504, 8.4931,
3.4704

201.9879,
267.3115, 220.5853

 1.5063, 4.4120,
1.3396

245.4044,

 0.3301, 1.9066,

320.2827, 268.8119

0.0939

294.6350,
379.8265, 323.6003

■ 0.0000, 0.5524,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 43.1267, 65.9862,
45.5856

■ 43.1267, 65.9862,
45.5856

■ 39.4182, 64.2096,
39.3887

■ 47.7496, 68.2229,
52.5024

■ 36.5514, 62.8506,
33.8832


■ 53.3422, 70.9423,
60.1574

■ 34.4503, 61.8723,
29.0448

■ 59.9612, 74.1751,
68.5738

■ 33.0212, 61.2270,
24.8460

■ 67.6574, 77.9470,
77.7726

 32.3526, 60.9357,
22.4053

 76.4781, 82.2821,
87.7735

 86.4677, 87.2027,
98.5959

 89.2867, 88.4733,
106.9789

Harmonies

Analogous

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



49.8815, 65.9862, 28.1160



43.1267, 65.9862, 45.5856



41.3317, 65.9862, 77.3349

Triad

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



43.1267, 65.9862, 45.5856



64.6057, 65.9862, 166.9217



85.1790, 65.9862, 39.0765

Complementary

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



43.1267, 65.9862, 45.5856



48.6136, 32.3636, 47.9429

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.



90.4419, 65.9862, 66.6265



43.1267, 65.9862, 45.5856



77.5868, 65.9862, 146.6709

Square

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



43.1267, 65.9862, 45.5856



52.7125, 65.9862, 155.4552



87.4919, 65.9862, 106.6455



73.9154, 65.9862, 25.3481

Rectangle

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



43.1267, 65.9862, 45.5856



42.9517, 65.9862, 104.8579



87.4919, 65.9862, 106.6455



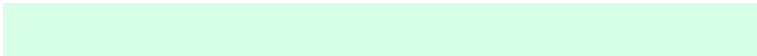
87.7730, 65.9862, 46.6133

Sweetspot

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



43.1284, 65.9889, 45.5871



78.0708, 91.6546, 89.6862



52.4597, 71.2483, 25.7400



16.2970, 19.4152, 18.7060



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.



43.1284, 65.9889, 45.5871



46.6523, 76.3845, 46.3470



50.0869, 68.7723, 82.2297



15.1363, 16.9693, 17.4005



17.8946, 33.6123, 12.6759



1.4525, 2.6583, 1.2445

Inverse Universe

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



48.6136, 32.3636, 47.9429



53.8130, 32.3849, 49.3459



43.5904, 30.3543, 21.4912



15.4262, 15.1983, 17.5296



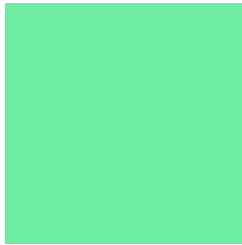
21.5390, 10.8183, 13.9058



1.7394, 0.8687, 1.3449

Previews

White Background



This preview shows how the XYZ color 43.1267, 65.9862, 45.5856 looks on a white background.

Color Contrast Check

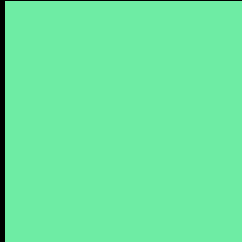
Large Text (above 18pt) WCAG AA × Fail

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 43.1267, 65.9862, 45.5856 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 43.1267, 65.9862, 45.5856

Background



This preview shows how black text looks on a background with the XYZ color 43.1267, 65.9862, 45.5856.



This preview shows how white text looks on a background with the XYZ color 43.1267, 65.9862,

45.5856.

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

43.1267, 65.9862, 45.5856

Protanopia

60.7226, 65.2193, 39.5252

Deuteranopia

66.1274, 64.5938, 47.5106



Tritanopia

53.0412, 65.8299, 95.4988

Trichromacy



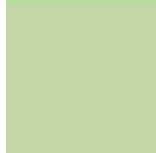
Original Color

43.1267, 65.9862, 45.5856



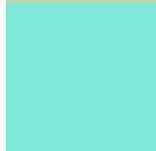
Protanomaly

51.4462, 63.8111, 41.5036



Deuteranomaly

53.8794, 62.6561, 46.2999



Tritanomaly

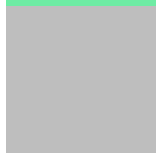
48.8747, 65.7850, 74.4118

Monochromacy



Original Color

43.1267, 65.9862, 45.5856



Achromatopsia

48.9429, 51.4918, 56.0745



Achromatomaly

45.3513, 55.5389, 52.0459

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.1267, 65.9862, 45.5856 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(110, 236, 164)` looks like.

```
.text, #text, p{  
    color:rgb(110, 236, 164)  
}
```

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(110, 236, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 236, 164) }
```

Border

The CSS property to change the border of an element to XYZ 43.1267, 65.9862, 45.5856 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(110, 236, 164) }
```


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

```
.border{ border-color:rgb(110, 236, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 236, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(110, 236, 164); -webkit-box-shadow:4px 4px 4px 4px rgb(110, 236, 164); box-shadow:4px 4px 4px 4px rgb(110, 236, 164) }
```

Background

The CSS property to change the background color of an element to XYZ 43.1267, 65.9862, 45.5856 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 236, 164) }
```

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

```
.background{ background-color: rgb(110,  
236, 164) }
```

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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