

Converting Colors

XYZ(43.3553, 73.4285, 25.4263)

Have a look what the booklet for
XYZ(43.3553, 73.4285, 25.4263)
contains.

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Color

**XYZ(43.2830, 73.2231,
25.4879)**

Conversions

Conversions Part 1

Format	Color
Hex	6CFB6A
RGB	108, 251, 106
RGB Percent	42%, 98%, 42%
CMY	0.5765, 0.0157, 0.5843
CMYK	0.57, 0.00, 0.58, 0.02
HSL	119°, 95%, 70%
HSV	119°, 58%, 98%
XYZ	43.2830, 73.2231, 25.4879
YIQ	191.7130, -38.6830, -75.4110

Conversions

Conversions Part 2

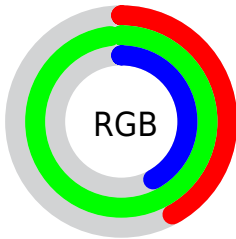
Format	Color
RYB	106, 251, 249
Decimal	7142250
CIELab	88.55, -65.99, 57.01
CIELCh	89, 87.200, 139.176
Yxy	73.2231, 0.3048, 0.5157
Android (android.graphics.Color)	4285332330 (0xFF6CFB6A)
YUV	191.7130, -42.2565, -73.4163
Hunter-Lab	85.5705, -59.4601, 42.2393

Details

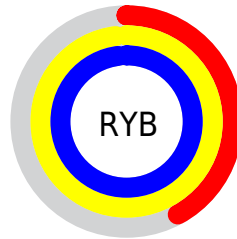
The XYZ color **43.2830, 73.2231, 25.4879** is a light color, and the websafe version is hex **66FF66**. A complement of this color would be **61.6378, 37.4156, 95.2439**, and the grayscale version is **50.1918, 52.8057, 57.5054**.

A 20% lighter version of the original color is **58.7706, 82.6393, 46.5717**, and **20.1742, 38.6402, 9.5270** is the 20% darker color. If you saturate the color by 10%, you get **39.5692, 71.4401, 19.4695**, and if you desaturate by 10%, it is **48.2368, 75.6055, 33.5609**.

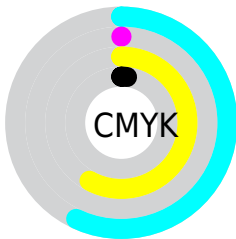
Distribution



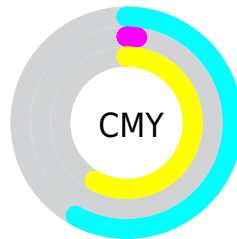
- Red (42%)
- Green (98%)
- Blue (42%)



- Red (42%)
- Yellow (98%)
- Blue (98%)



- Cyan (57%)
- Magenta (0%)
- Yellow (58%)
- Black (2%)





- Cyan (58%)
- Magenta (2%)
- Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.2830, 73.2231, 25.4879 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 43.2830, 73.2231, 25.4879 by changing the saturation by 10% instead.


 43.2830, 73.2231,
25.4879

 43.2830, 73.2231,
25.4879


350.6761,
471.7877, 293.7841


 30.3027, 54.1584,
16.2186


 79.3908, 123.7939,
53.4215

 20.2177, 38.7283,
9.5230


 103.2490,
156.0688, 72.9230

 12.6626, 26.5484,
4.9824


 131.4639,
193.5158, 96.6722

 7.2720, 17.2344,
2.1784

 164.4009,
236.5195, 125.0878

 3.6806, 10.4017,
0.6618

202.4252,
285.4641, 158.5882

 1.5231, 5.6661,
0.0000

245.9023,

 0.3415, 2.6431,

340.7340, 197.5920

0.0000

295.1975,
402.7138, 242.5178

0.0000, 0.9484,
0.0000

0.0000, 0.0000,
0.0000

43.2830, 73.2231,
25.4879

43.2830, 73.2231,
25.4879

39.5692, 71.4401,
19.4695

48.2368, 75.6055,
33.5609

36.9812, 70.1952,
15.3161


54.5212, 78.6241,
43.8460


35.3931, 69.4303,
12.8119


62.2246, 82.3235,
56.4911

34.6418, 69.0675,
11.6664

71.4264, 86.7416,
71.6297

 34.5419, 69.0196,
11.5016

 82.1998, 91.9137,
89.3857

 93.7887, 97.4773,
108.4796

Harmonies

Analogous

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



57.1517, 73.2231, 12.7723



43.2830, 73.2231, 25.4879



36.9794, 73.2231, 59.9144

Triad

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



43.2830, 73.2231, 25.4879



62.2822, 73.2231, 255.9156



115.1523, 73.2231, 47.4415

Complementary

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



43.2830, 73.2231, 25.4879



61.6378, 37.4156, 95.2439

Split Complementary

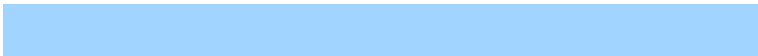
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



117.2960, 73.2231, 103.4879



43.2830, 73.2231, 25.4879



83.7279, 73.2231, 246.5415

Square

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



43.2830, 73.2231, 25.4879



46.3859, 73.2231, 203.2408



104.8623, 73.2231, 181.8050



99.4883, 73.2231, 20.3127

Rectangle

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



43.2830, 73.2231, 25.4879



36.8472, 73.2231, 99.6387



104.8623, 73.2231, 181.8050



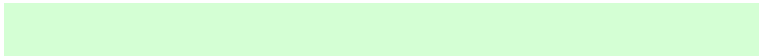
117.5819, 73.2231, 62.6631

Sweetspot

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



43.2848, 73.2262, 25.4895



74.8221, 90.2896, 75.5402



76.1356, 89.0478, 26.8120



15.5717, 19.1129, 15.4388



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.



43.2848, 73.2262, 25.4895



40.6071, 73.8555, 19.5220



48.2882, 75.1998, 53.0898



17.0395, 19.3206, 18.2936



18.1656, 36.2830, 6.0459



1.6900, 3.3643, 0.5603

Inverse Universe

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



61.6378, 37.4156, 95.2439



61.2041, 33.6227, 97.8718



53.2722, 34.1520, 47.4579



17.9681, 17.5117, 21.8184



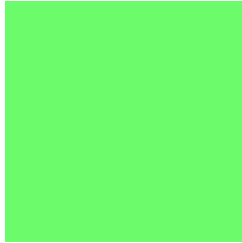
29.4273, 14.1130, 49.1466



2.7329, 1.3109, 4.5522

Previews

White Background



This preview shows how the XYZ color 43.2830, 73.2231, 25.4879 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 43.2830, 73.2231, 25.4879 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 43.2830, 73.2231, 25.4879

Background



This preview shows how black text looks on a background with the XYZ color 43.2830, 73.2231, 25.4879.



This preview shows how white text looks on a background with the XYZ color 43.2830, 73.2231,

25.4879.

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

43.2830, 73.2231, 25.4879

Protanopia

65.6703, 71.9884, 21.7432

Deuteranopia

71.7196, 71.9263, 43.8214



Tritanopia

59.2008, 72.9617, 105.5705

Trichromacy



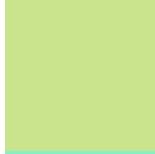
Original Color

43.2830, 73.2231, 25.4879



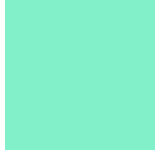
Protanomaly

53.6625, 70.2354, 22.7851



Deuteranomaly

56.6339, 69.4178, 35.6134



Tritanomaly

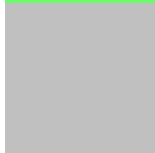
51.2038, 71.8735, 66.4326

Monochromacy



Original Color

43.2830, 73.2231, 25.4879



Achromatopsia

50.1023, 52.7115, 57.4028



Achromatomaly

44.9252, 57.7388, 42.4951

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.2830, 73.2231, 25.4879 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(108, 251, 106)` looks like.

```
.text, #text, p{  
    color:rgb(108, 251, 106)  
}
```

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(108, 251, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 251, 106) }
```

Border

The CSS property to change the border of an element to XYZ 43.2830, 73.2231, 25.4879 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(108, 251, 106) }
```


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

```
.border{ border-color:rgb(108, 251, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 251, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 251, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 251, 106);  
box-shadow:4px 4px 4px 4px rgb(108, 251,  
106) }
```

Background

The CSS property to change the background color of an element to XYZ 43.2830, 73.2231, 25.4879 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 251, 106) }
```

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

```
.background{ background-color: rgb(108,  
251, 106) }
```

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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