

Converting Colors

XYZ(43.4996, 75.1449, 28.7722)

Have a look what the booklet for
XYZ(43.4996, 75.1449, 28.7722)
contains.

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Color

**XYZ(43.5285, 75.1606,
28.7363)**

Conversions

Conversions Part 1

Format	Color
Hex	5EFF74
RGB	94, 255, 116
RGB Percent	37%, 100%, 45%
CMY	0.6314, 0.0000, 0.5451
CMYK	0.63, 0.00, 0.55, 0.00
HSL	128°, 100%, 68%
HSV	128°, 63%, 100%
XYZ	43.5285, 75.1606, 28.7363
YIQ	191.0150, -51.3370, -77.3610

Conversions

Conversions Part 2

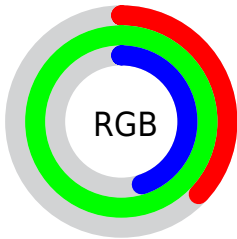
Format	Color
RYB	94, 236, 255
Decimal	6225780
CIELab	89.47, -69.20, 53.55
CIELCh	89, 87.503, 142.264
Yxy	75.1606, 0.2953, 0.5098
Android (android.graphics.Color)	4284415860 (0xFF5EFF74)
YUV	191.0150, -36.9824, -85.0822
Hunter-Lab	86.6952, -62.0942, 41.0342

Details

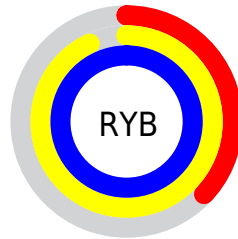
The XYZ color **43.5285, 75.1606, 28.7363** is a light color, and the websafe version is hex **66FF66**. The color can be described as light muted spring green. A complement of this color would be **59.9505, 35.1488, 80.7137**, and the grayscale version is **49.7592, 52.3505, 57.0097**.

A 20% lighter version of the original color is **57.4088, 81.8312, 51.2973**, and **20.8358, 40.2803, 11.2341** is the 20% darker color. If you saturate the color by 10%, you get **40.1989, 73.5750, 22.6698**, and if you desaturate by 10%, it is **48.0256, 77.3131, 36.4437**.

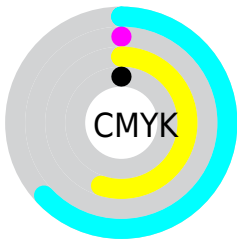
Distribution



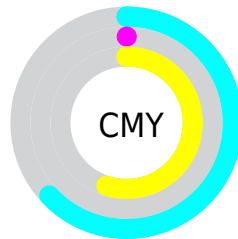
- Red (37%)
- Green (100%)
- Blue (45%)



- Red (37%)
- Yellow (93%)
- Blue (100%)



- Cyan (63%)
- Magenta (0%)
- Yellow (55%)
- Black (0%)





- Cyan (63%)
- Magenta (0%)
- Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.5285, 75.1606, 28.7363 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 43.5285, 75.1606, 28.7363 by changing the saturation by 10% instead.


 43.5285, 75.1606,
28.7363

 43.5285, 75.1606,
28.7363

351.6655,
478.4694, 309.9906


 30.4963, 55.7445,
18.6376


 79.7585, 126.5397,
58.6950

 20.3656, 39.9981,
11.2345


 103.6871,
159.2714, 79.3921

 12.7709, 27.5371,
6.1087

 131.9785,
197.2105, 104.4591

 7.3469, 17.9770,
2.8414

164.9981,
240.7412, 134.3144

 3.7282, 10.9335,
1.0142

203.1112,
290.2481, 169.3767

 1.5495, 6.0221,
0.0000

246.6833,

 0.3592, 2.8585,

346.1155, 210.0645

0.0000

296.0796,
408.7278, 256.7963

■ 0.0000, 1.0583,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 43.5285, 75.1606,
28.7363

■ 43.5285, 75.1606,
28.7363

■ 40.1989, 73.5750,
22.6698

■ 48.0256, 77.3131,
36.4437

■ 37.9252, 72.5012,
18.1217

■ 53.7855, 80.0792,
45.8955

■ 36.5751, 71.8738,
14.9583

■ 60.8948, 83.5015,
57.1906

■ 36.0611, 71.6405,
13.5057

■ 69.4322, 87.6187,
70.4200

■ 79.4702, 92.4664,
85.6681

■ 91.0764, 98.0777,
103.0147

95.0500, 100.0000,
108.9000

Harmonies

Analogous

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



56.9206, 75.1606, 13.9656



43.5285, 75.1606, 28.7363



37.8625, 75.1606, 66.9429

Triad

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



43.5285, 75.1606, 28.7363



66.0280, 75.1606, 263.5952



116.8180, 75.1606, 44.7406

Complementary

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



43.5285, 75.1606, 28.7363



59.9505, 35.1488, 80.7137

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.



120.6059, 75.1606, 98.7913



43.5285, 75.1606, 28.7363



88.2348, 75.1606, 247.0868

Square

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



43.5285, 75.1606, 28.7363



49.0486, 75.1606, 215.3345



109.2794, 75.1606, 177.5261



99.7754, 75.1606, 19.4515

Rectangle

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



43.5285, 75.1606, 28.7363



38.2344, 75.1606, 109.5858



109.2794, 75.1606, 177.5261



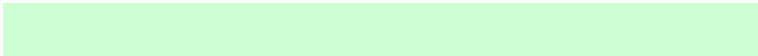
119.8051, 75.1606, 59.2190

Sweetspot

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



43.5289, 75.1608, 28.7375



73.3986, 89.5335, 76.4780



71.5592, 89.7418, 24.1404



15.1174, 18.8776, 15.4649



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.



43.5289, 75.1608, 28.7375



39.4452, 73.2178, 21.2178



50.3363, 77.8838, 64.5851



17.8726, 20.2086, 19.6322



18.8734, 37.4459, 7.2184



1.8671, 3.6578, 0.8578

Inverse Universe

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



59.9505, 35.1488, 80.7137



56.9946, 30.2490, 76.6088



50.9955, 31.5668, 33.5571



18.6796, 18.2551, 22.1958



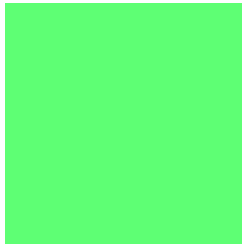
28.3506, 13.8296, 36.8266



2.7886, 1.3578, 3.7343

Previews

White Background



This preview shows how the XYZ color 43.5285, 75.1606, 28.7363 looks on a white background.

Color Contrast Check

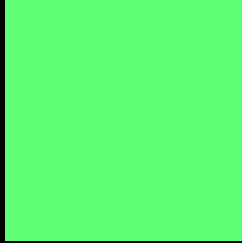
Large Text (above 18pt) WCAG AA × Fail

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 43.5285, 75.1606, 28.7363 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

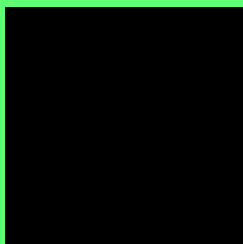
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.5285, 75.1606, 28.7363

Background



This preview shows how black text looks on a background with the XYZ color 43.5285, 75.1606, 28.7363.

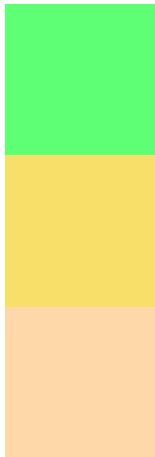


This preview shows how white text looks on a background with the XYZ color 43.5285, 75.1606,

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

43.5285, 75.1606, 28.7363

Protanopia

67.3470, 73.5901, 24.2904

Deuteranopia

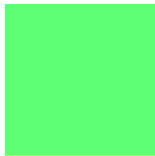
73.0516, 73.2740, 48.3233



Tritanopia

60.8373, 74.6650, 105.8131

Trichromacy



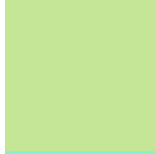
Original Color

43.5285, 75.1606, 28.7363



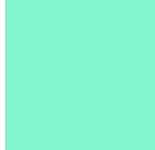
Protanomaly

54.0087, 71.6188, 25.7291



Deuteranomaly

56.5668, 70.5314, 39.4867



Tritanomaly

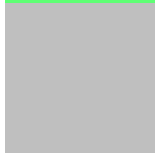
52.1519, 73.6502, 68.5940

Monochromacy



Original Color

43.5285, 75.1606, 28.7363



Achromatopsia

49.5206, 52.0996, 56.7364



Achromatomaly

44.4577, 57.8414, 43.9433

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.5285, 75.1606, 28.7363 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(94, 255, 116)` looks like.

```
.text, #text, p{  
    color:rgb(94, 255, 116)  
}
```

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(94, 255, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 255, 116) }
```

Border

The CSS property to change the border of an element to XYZ 43.5285, 75.1606, 28.7363 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(94, 255, 116) }
```


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

```
.border{ border-color:rgb(94, 255, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 255, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 255, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 255, 116);  
box-shadow:4px 4px 4px 4px rgb(94, 255,  
116) }
```

Background

The CSS property to change the background color of an element to XYZ 43.5285, 75.1606, 28.7363 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 255, 116) }
```

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

```
.background{ background-color: rgb(94, 255,  
116) }
```

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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