

Converting Colors

XYZ(46.4883, 74.6701, 61.4919)

Have a look what the booklet for
XYZ(46.4883, 74.6701, 61.4919)
contains.

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Color

**XYZ(46.3943, 74.5062,
61.2261)**

Conversions

Conversions Part 1

Format	Color
Hex	41FCBF
RGB	65, 252, 191
RGB Percent	25%, 99%, 75%
CMY	0.7451, 0.0117, 0.2510
CMYK	0.74, 0.00, 0.24, 0.01
HSL	160°, 97%, 62%
HSV	160°, 74%, 99%
XYZ	46.3943, 74.5062, 61.2261
YIQ	189.1330, -91.8710, -58.6150

Conversions

Conversions Part 2

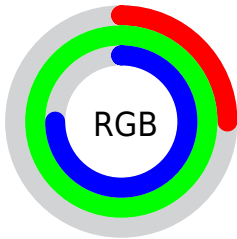
Format	Color
RYB	65, 177, 252
Decimal	4324543
CIELab	89.16, -59.60, 16.23
CIELCh	89, 61.771, 164.763
Yxy	74.5062, 0.2547, 0.4091
Android (android.graphics.Color)	4282514623 (0xFF41FCBF)
YUV	189.1330, 0.9204, -108.8646
Hunter-Lab	86.3170, -55.1132, 18.3665

Details

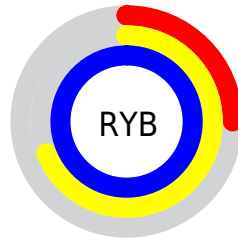
The XYZ color **46.3943, 74.5062, 61.2261** is a light color, and the websafe version is hex **33FFCC**. The color can be described as light washed spring green. A complement of this color would be **45.8035, 25.9841, 22.3428**, and the grayscale version is **48.4805, 51.0053, 55.5448**.

A 20% lighter version of the original color is **63.0297, 83.6387, 100.8176**, and **23.8071, 40.3897, 30.2081** is the 20% darker color. If you saturate the color by 10%, you get **44.2038, 73.4805, 56.5339**, and if you desaturate by 10%, it is **49.3830, 75.9414, 66.2241**.

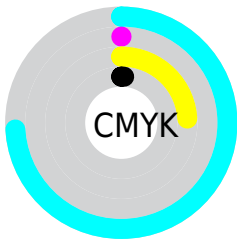
Distribution



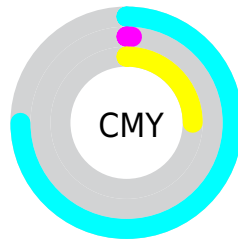
- Red (25%)
- Green (99%)
- Blue (75%)



- Red (25%)
- Yellow (69%)
- Blue (99%)



- Cyan (74%)
- Magenta (0%)
- Yellow (24%)
- Black (1%)





- Cyan (75%)
- Magenta (1%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 46.3943, 74.5062, 61.2261 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 46.3943, 74.5062, 61.2261 by changing the saturation by 10% instead.


 46.3943, 74.5062,
61.2261


 46.3943, 74.5062,
61.2261


363.0810,
476.2186, 447.0320

 32.7630, 55.2084,
43.9759


 84.0331, 125.6131,
108.1670


 22.1033, 39.5686,
30.3145


 108.7712,
158.1911, 138.6947

 14.0499, 27.2024,
19.8234


 137.9424,
195.9646, 174.4854

 8.2373, 17.7253,
12.0839

 171.9120,
239.3179, 215.9576

 4.3002, 10.7529,
6.6776

211.0453,
288.6357, 263.5298

 1.8734, 5.9010,
3.1859

255.7076,

 0.5613, 2.7849,

344.3021, 317.6206

1.1903

306.2644,
406.7016, 378.6485

■ 0.0000, 1.0205,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 46.3943, 74.5062,
61.2261

■ 46.3943, 74.5062,
61.2261

■ 44.2038, 73.4805,
56.5339

■ 49.3830, 75.9414,
66.2241

■ 42.6971, 72.7996,
52.1329

■ 53.2525, 77.8227,
71.5310

■ 42.0481, 72.5180,
49.7103

■ 58.0810, 80.1923,
77.1562

■ 63.9364, 83.0853,
83.1069

70.8803, 86.5331,
89.3899

78.9692, 90.5649,
96.0117

88.2557, 95.2077,
102.9787

94.1017, 98.1034,
108.5839

Harmonies

Analogous

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



52.3230, 74.5062, 35.3456



46.3943, 74.5062, 61.2261



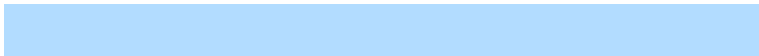
46.3475, 74.5062, 104.1395

Triad

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



46.3943, 74.5062, 61.2261



78.4522, 74.5062, 190.6158



93.4253, 74.5062, 35.6256

Complementary

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



46.3943, 74.5062, 61.2261



45.8035, 25.9841, 22.3428

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.



102.6626, 74.5062, 61.7779



46.3943, 74.5062, 61.2261



93.2214, 74.5062, 155.3853

Square

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



46.3943, 74.5062, 61.2261



63.4762, 74.5062, 190.3017



102.5831, 74.5062, 104.9254



78.7006, 74.5062, 24.5405

Rectangle

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



46.3943, 74.5062, 61.2261



49.5952, 74.5062, 138.1783



102.5831, 74.5062, 104.9254



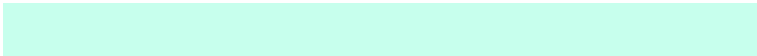
97.3620, 74.5062, 42.4376

Sweetspot

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



46.3963, 74.5091, 61.2278



74.5288, 89.7453, 93.2850



44.5690, 74.5432, 17.0413



15.4986, 18.9834, 19.5803



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.



46.3963, 74.5091, 61.2278



44.5771, 75.1023, 55.8439



45.5654, 59.7799, 101.2360



17.5109, 19.5066, 20.8909



21.9732, 37.8023, 26.2659



2.0838, 3.5206, 2.6892

Inverse Universe

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



45.8035, 25.9841, 22.3428



44.0589, 23.0539, 14.7202



45.2994, 29.4753, 8.3038



17.4780, 17.3186, 19.1071



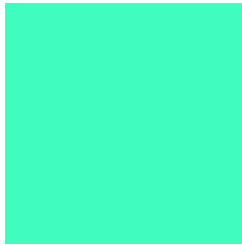
21.7693, 11.1234, 5.4937



2.0628, 1.0488, 0.7539

Previews

White Background



This preview shows how the XYZ color 46.3943, 74.5062, 61.2261 looks on a white background.

Color Contrast Check

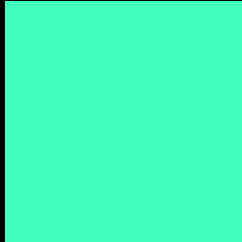
Large Text (above 18pt) WCAG AA × Fail

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 46.3943, 74.5062, 61.2261 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

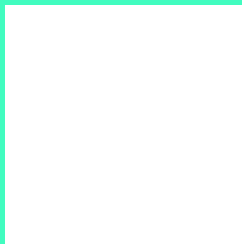
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 46.3943, 74.5062, 61.2261

Background



This preview shows how black text looks on a background with the XYZ color 46.3943, 74.5062, 61.2261.

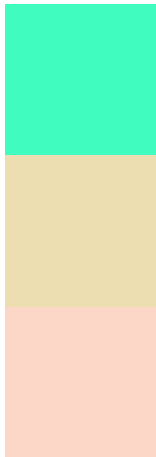


This preview shows how white text looks on a background with the XYZ color 46.3943, 74.5062,

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

46.3943, 74.5062, 61.2261

Protanopia

68.5498, 73.2100, 51.5923

Deuteranopia

74.5003, 72.9121, 64.1797



Tritanopia

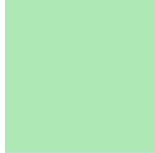
58.9082, 74.1039, 105.8064

Trichromacy



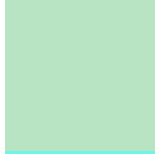
Original Color

46.3943, 74.5062, 61.2261



Protanomaly

54.9350, 70.6127, 54.4503



Deuteranomaly

57.4744, 69.6627, 62.6416



Tritanomaly

53.3466, 73.8426, 87.7853

Monochromacy



Original Color

46.3943, 74.5062, 61.2261



Achromatopsia

48.3692, 50.8881, 55.4172



Achromatomaly

44.3393, 56.7340, 57.3290

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.3943, 74.5062, 61.2261 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(65, 252, 191)` looks like.

```
.text, #text, p{  
    color:rgb(65, 252, 191)  
}
```

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(65, 252, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(65, 252, 191) }
```

Border

The CSS property to change the border of an element to XYZ 46.3943, 74.5062, 61.2261 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(65, 252, 191) }
```


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

```
.border{ border-color:rgb(65, 252, 191) }
```

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

Here you see how a box with a 4 pixel rgb(65, 252, 191) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(65, 252, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(65, 252, 191);  
box-shadow:4px 4px 4px 4px rgb(65, 252,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 46.3943, 74.5062, 61.2261 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(65, 252, 191) }
```

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

```
.background{ background-color: rgb(65, 252,  
191) }
```

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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