

Converting Colors

XYZ(43.0473, 70.7593, 55.3314)

Have a look what the booklet for
XYZ(43.0473, 70.7593, 55.3314)
contains.

XYZ(42.9166, 70.5358, 55.0689)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(42.9166, 70.5358,
55.0689)**

Conversions

Conversions Part 1

Format	Color
Hex	32F7B5
RGB	50, 247, 181
RGB Percent	20%, 97%, 71%
CMY	0.8039, 0.0314, 0.2902
CMYK	0.80, 0.00, 0.27, 0.03
HSL	160°, 92%, 58%
HSV	160°, 80%, 97%
XYZ	42.9166, 70.5358, 55.0689
YIQ	180.5730, -96.2260, -62.2900

Conversions

Conversions Part 2

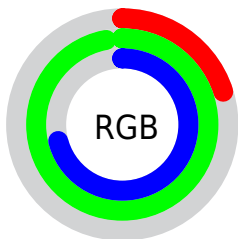
Format	Color
R _Y B	50, 168, 247
Decimal	3340213
CIE Lab	87.26, -61.49, 18.69
CIE LCh	87, 64.269, 163.098
Yxy	70.5358, 0.2547, 0.4186
Android (android.graphics.Color)	4281530293 (0xFF32F7B5)
YUV	180.5730, 0.2105, -114.5125
Hunter-Lab	83.9856, -55.7614, 19.9138

Details

The XYZ color **42.9166, 70.5358, 55.0689** 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 **42.6531, 23.3179, 18.7787**, and the grayscale version is **43.7288, 46.0061, 50.1006**.

A 20% lighter version of the original color is **59.9481, 82.2236, 92.8319**, and **22.0939, 37.9537, 26.5834** is the 20% darker color. If you saturate the color by 10%, you get **41.1869, 69.7411, 50.6872**, and if you desaturate by 10%, it is **45.3564, 71.6943, 59.7503**.

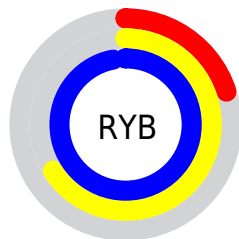
Distribution



Red (20%)

Green (97%)

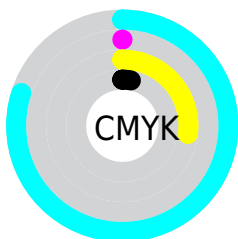
Blue (71%)



Red (20%)

Yellow (66%)

Blue (97%)

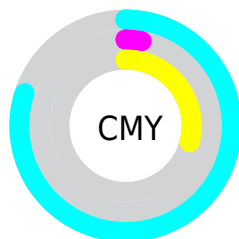


Cyan (80%)

Magenta (0%)

Yellow (27%)

Black (3%)



Cyan (80%)


Magenta (3%)


Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 42.9166, 70.5358, 55.0689 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 42.9166, 70.5358, 55.0689 by changing the saturation by 10% instead.

 42.9166, 70.5358,
55.0689


 42.9166, 70.5358,
55.0689

349.1960,
462.4291, 423.4624


 30.0139, 51.9635,
39.0579


 78.8415, 119.9725,
99.1141


 19.9973, 36.9760,
26.4966

 102.5944,
151.6057, 127.9853

 12.5013, 25.1889,
16.9664


 130.6948,
188.3613, 161.9804

 7.1607, 16.2178,
10.0489

 163.5080,
230.6237, 201.5179

 3.6100, 9.6784,
5.3253

201.3993,
278.7772, 247.0163

 1.4840, 5.1863,
2.3773

244.7342,

 0.3149, 2.3570,

333.2064, 298.8941

0.7741

293.8780,
394.2955, 357.5700

■ 0.0000, 0.8036,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 42.9166, 70.5358,
55.0689

■ 42.9166, 70.5358,
55.0689

■ 41.1869, 69.7411,
50.6872

■ 45.3564, 71.6943,
59.7503


■ 40.0112, 69.2246,
46.5887


■ 48.5940, 73.2564,
64.7352


■ 39.9852, 69.2133,
46.4913


■ 52.7098, 75.2651,
70.0333


■ 57.7727, 77.7560,
75.6520

 63.8444, 80.7608,
81.5984

 70.9814, 84.3085,
87.8790

 79.2358, 88.4257,
94.5002

 88.6562, 93.1376,
101.4683

 92.5520, 95.0040,
108.0673

Harmonies

Analogous

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



49.0922, 70.5358, 30.6705



42.9166, 70.5358, 55.0689



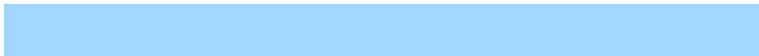
42.5471, 70.5358, 97.2349

Triad

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



42.9166, 70.5358, 55.0689



73.8415, 70.5358, 189.6355



90.5630, 70.5358, 32.8365

Complementary

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



42.9166, 70.5358, 55.0689



42.6531, 23.3179, 18.7787

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.



99.4939, 70.5358, 59.4522



42.9166, 70.5358, 55.0689



88.9076, 70.5358, 154.9505

Square

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



42.9166, 70.5358, 55.0689



58.9481, 70.5358, 187.0373



98.8462, 70.5358, 103.6100



75.8452, 70.5358, 21.5421

Rectangle

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



42.9166, 70.5358, 55.0689



45.5367, 70.5358, 131.7638



98.8462, 70.5358, 103.6100



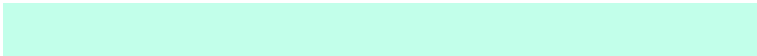
94.4339, 70.5358, 39.7468

Sweetspot

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



42.9185, 70.5386, 55.0705



72.8794, 88.9319, 91.5401



41.4397, 70.6732, 14.4757



15.0228, 18.7487, 19.0805



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.



42.9185, 70.5386, 55.0705



43.4288, 74.6023, 51.6368



43.0351, 57.2544, 96.7819



16.7469, 18.6579, 19.9516



21.2148, 36.6308, 24.9489



1.9122, 3.2386, 2.4438

Inverse Universe

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



42.6531, 23.3179, 18.7787



43.2920, 22.2579, 12.1897



41.7714, 25.6780, 5.7732



16.7281, 16.5741, 18.3150



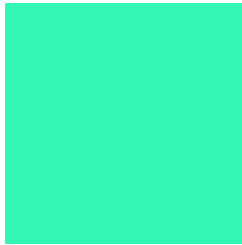
21.1658, 10.8098, 5.5815



1.9061, 0.9684, 0.7321

Previews

White Background



This preview shows how the XYZ color 42.9166, 70.5358, 55.0689 looks on a white background.

Color Contrast Check

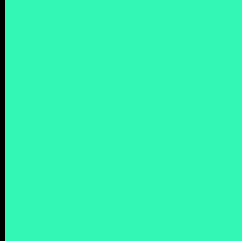
Large Text (above 18pt) WCAG AA × Fail

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 42.9166, 70.5358, 55.0689 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

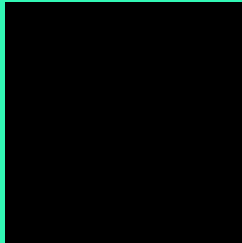
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 42.9166, 70.5358, 55.0689

Background



This preview shows how black text looks on a background with the XYZ color 42.9166, 70.5358, 55.0689.

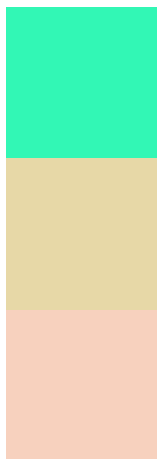


This preview shows how white text looks on a background with the XYZ color 42.9166, 70.5358,

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

42.9166, 70.5358, 55.0689

Protanopia

64.4859, 68.8907, 46.4577

Deuteranopia

70.4525, 69.0928, 58.3382



Tritanopia

53.4123, 69.9776, 105.2996

Trichromacy



Original Color

42.9166, 70.5358, 55.0689



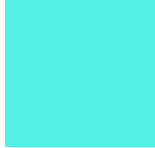
Protanomaly

50.4325, 65.9161, 49.0947



Deuteranomaly

53.0365, 65.4772, 56.8567



Tritanomaly

48.6434, 69.7155, 84.2914

Monochromacy



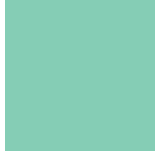
Original Color

42.9166, 70.5358, 55.0689



Achromatopsia

43.9204, 46.2077, 50.3202



Achromatomaly

39.8447, 51.9854, 51.6502

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.9166, 70.5358, 55.0689 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(50, 247, 181)` looks like.

```
.text, #text, p{  
    color:rgb(50, 247, 181)  
}
```

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(50, 247, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(50, 247, 181) }
```

Border

The CSS property to change the border of an element to XYZ 42.9166, 70.5358, 55.0689 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(50, 247, 181) }
```


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

```
.border{ border-color:rgb(50, 247, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(50, 247, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(50, 247, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(50, 247, 181);  
box-shadow:4px 4px 4px 4px rgb(50, 247,  
181) }
```

Background

The CSS property to change the background color of an element to XYZ 42.9166, 70.5358, 55.0689 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(50, 247, 181) }
```

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

```
.background{ background-color: rgb(50, 247,  
181) }
```

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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