

Converting Colors

XYZ(43.6456, 69.5367, 55.9213)

Have a look what the booklet for
XYZ(43.6456, 69.5367, 55.9213)
contains.

XYZ(43.6456, 69.5367, 55.9213)	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(43.6456, 69.5367,
55.9213)**

Conversions

Conversions Part 1

Format	Color
Hex	49F4B7
RGB	73, 244, 183
RGB Percent	29%, 96%, 72%
CMY	0.7137, 0.0431, 0.2823
CMYK	0.70, 0.00, 0.25, 0.04
HSL	159°, 89%, 62%
HSV	159°, 70%, 96%
XYZ	43.6456, 69.5367, 55.9213
YIQ	185.9170, -82.3350, -55.2230

Conversions

Conversions Part 2

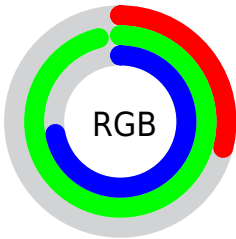
Format	Color
RYB	73, 177, 244
Decimal	4846775
CIELab	86.77, -57.22, 17.02
CIELCh	87, 59.700, 163.433
Yxy	69.5367, 0.2581, 0.4112
Android (android.graphics.Color)	4283036855 (0xFF49F4B7)
YUV	185.9170, -1.4381, -99.0282
Hunter-Lab	83.3887, -52.5033, 18.6116

Details

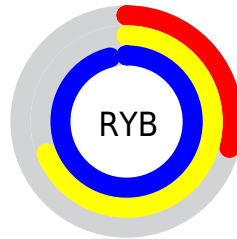
The XYZ color **43.6456, 69.5367, 55.9213** is a light color, and the websafe version is hex **33FFCC**. The color can be described as light washed spring green. A complement of this color would be **43.9962, 25.7212, 25.2031**, and the grayscale version is **46.6684, 49.0988, 53.4686**.

A 20% lighter version of the original color is **62.3245, 83.4147, 94.4772**, and **21.7996, 37.1524, 27.1413** is the 20% darker color. If you saturate the color by 10%, you get **41.2686, 68.4146, 51.2269**, and if you desaturate by 10%, it is **46.8071, 71.0603, 60.9480**.

Distribution



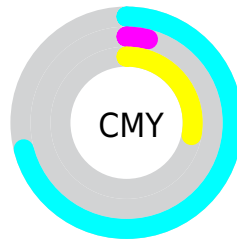
- Red (29%)
- Green (96%)
- Blue (72%)



- Red (29%)
- Yellow (69%)
- Blue (96%)



- Cyan (70%)
- Magenta (0%)
- Yellow (25%)
- Black (4%)





- Cyan (71%)
- Magenta (4%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.6456, 69.5367, 55.9213 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 43.6456, 69.5367, 55.9213 by changing the saturation by 10% instead.


 43.6456, 69.5367,
55.9213


 43.6456, 69.5367,
55.9213


352.1368,
458.9216, 426.7748


 30.5887, 51.1489,
39.7363


 79.9338, 118.5478,
100.3741


 20.4361, 36.3271,
27.0207


 103.8959,
149.9400, 129.4790

 12.8226, 24.6870,
17.3562


 132.2237,
186.4357, 163.7276

 7.3826, 15.8440,
10.3242

 165.2827,
228.4193, 203.5384

 3.7510, 9.4138,
5.5060

203.4381,
276.2754, 249.3300

 1.5622, 5.0121,
2.4832

247.0554,

 0.3676, 2.2543,

330.3882, 301.5209

0.8312

296.4998,
391.1421, 360.5297

■ 0.0000, 0.7494,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 43.6456, 69.5367,
55.9213

■ 43.6456, 69.5367,
55.9213

■ 41.2686, 68.4146,
51.2269

■ 46.8071, 71.0603,
60.9480


■ 39.5791, 67.6387,
46.8505

■ 50.8241, 73.0167,
66.3109


■ 38.4341, 67.1366,
42.8124


■ 55.7659, 75.4430,
72.0197

■ 61.6926, 78.3703,
78.0821

 68.6594, 81.8268,
84.5054

 76.7170, 85.8387,
91.2966

 85.9131, 90.4304,
98.4625

 91.2640, 93.0326,
105.7743

 91.6419, 93.1838,
107.7640

Harmonies

Analogous

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



49.3704, 69.5367, 32.6272



43.6456, 69.5367, 55.9213



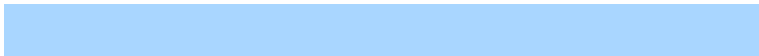
43.3594, 69.5367, 94.9205

Triad

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



43.6456, 69.5367, 55.9213



72.4968, 69.5367, 177.2099



87.4589, 69.5367, 34.3449

Complementary

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



43.6456, 69.5367, 55.9213



43.9962, 25.7212, 25.2031

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.



95.6399, 69.5367, 59.2900



43.6456, 69.5367, 55.9213



86.2193, 69.5367, 145.9955

Square

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



43.6456, 69.5367, 55.9213



58.7621, 69.5367, 175.3072



95.1568, 69.5367, 99.6988



74.0086, 69.5367, 23.4988

Rectangle

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



43.6456, 69.5367, 55.9213



46.2060, 69.5367, 126.1914



95.1568, 69.5367, 99.6988



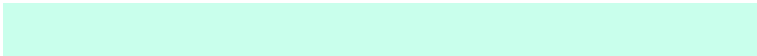
90.9955, 69.5367, 40.8910

Sweetspot

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



43.6475, 69.5395, 55.9229



75.0938, 90.0501, 92.7016



43.6603, 70.3945, 17.5908



15.5985, 19.0387, 19.4150



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.



43.6475, 69.5395, 55.9229



44.7614, 75.2253, 54.5895



44.9883, 59.7695, 94.7566



16.7311, 18.6516, 19.8683



20.9651, 36.5309, 23.6337



1.8915, 3.2303, 2.3345

Inverse Universe

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



43.9962, 25.7212, 25.2031



45.2495, 24.1215, 19.1666



42.6776, 28.0453, 9.4684



16.7433, 16.5802, 18.3950



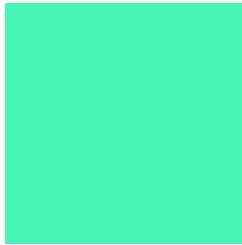
21.2816, 10.8561, 6.1912



1.9176, 0.9730, 0.7925

Previews

White Background



This preview shows how the XYZ color 43.6456, 69.5367, 55.9213 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 43.6456, 69.5367, 55.9213 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 43.6456, 69.5367, 55.9213

Background



This preview shows how black text looks on a background with the XYZ color 43.6456, 69.5367, 55.9213.

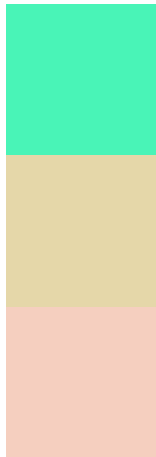


This preview shows how white text looks on a background with the XYZ color 43.6456, 69.5367,

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

43.6456, 69.5367, 55.9213

Protanopia

63.7750, 68.1235, 47.3240

Deuteranopia

69.3730, 67.7997, 58.7205



Tritanopia

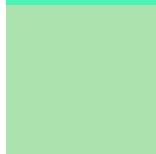
53.3066, 69.5155, 104.3742

Trichromacy



Original Color

43.6456, 69.5367, 55.9213



Protanomaly

51.8496, 66.2194, 50.0933



Deuteranomaly

53.9617, 64.7623, 57.2332



Tritanomaly

49.0923, 69.0777, 84.1447

Monochromacy



Original Color

43.6456, 69.5367, 55.9213



Achromatopsia

46.6715, 49.1021, 53.4722



Achromatomaly

42.7468, 54.1482, 54.0976

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.6456, 69.5367, 55.9213 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(73, 244, 183)` looks like.

```
.text, #text, p{  
    color:rgb(73, 244, 183)  
}
```

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(73, 244, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(73, 244, 183) }
```

Border

The CSS property to change the border of an element to XYZ 43.6456, 69.5367, 55.9213 is called "border". The border property can be set on classes, ids or directly on the HTML element.

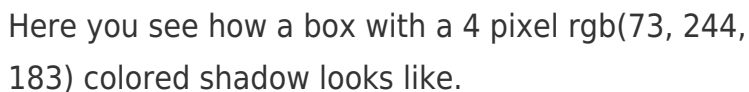
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(73, 244, 183) }
```


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

```
.border{ border-color:rgb(73, 244, 183) }
```

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



Here you see how a box with a 4 pixel `rgb(73, 244, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(73, 244, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(73, 244, 183);  
box-shadow:4px 4px 4px 4px rgb(73, 244,  
183) }
```

Background

The CSS property to change the background color of an element to XYZ 43.6456, 69.5367, 55.9213 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(73, 244, 183) }
```

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

```
.background{ background-color: rgb(73, 244,  
183) }
```

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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