

Converting Colors

XYZ(43.5434, 60.5525, 75.9735)

Have a look what the booklet for
XYZ(43.5434, 60.5525, 75.9735)
contains.

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Color

**XYZ(43.5270, 60.5469,
75.7223)**

Conversions

Conversions Part 1

Format	Color
Hex	5AE0DA
RGB	90, 224, 218
RGB Percent	35%, 88%, 85%
CMY	0.6470, 0.1216, 0.1451
CMYK	0.60, 0.00, 0.03, 0.12
HSL	177°, 68%, 62%
HSV	177°, 60%, 88%
XYZ	43.5270, 60.5469, 75.7223
YIQ	183.2500, -77.9380, -30.2740

Conversions

Conversions Part 2

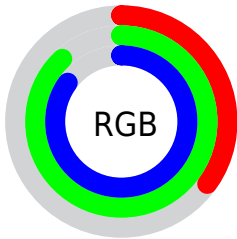
Format	Color
RYB	90, 159, 224
Decimal	5955802
CIELab	82.13, -37.60, -8.00
CIELCh	82, 38.436, 192.009
Yxy	60.5469, 0.2421, 0.3368
Android (android.graphics.Color)	4284145882 (0xFF5AE0DA)
YUV	183.2500, 17.1318, -81.7802
Hunter-Lab	77.8119, -36.3201, -3.2295

Details

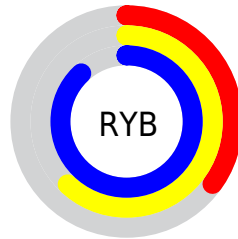
The XYZ color **43.5270, 60.5469, 75.7223** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **36.5100, 24.0060, 13.7777**, and the grayscale version is **45.0883, 47.4364, 51.6582**.

A 20% lighter version of the original color is **66.9469, 85.5123, 107.5848**, and **20.6135, 30.6496, 39.4799** is the 20% darker color. If you saturate the color by 10%, you get **41.5373, 59.5377, 74.9471**, and if you desaturate by 10%, it is **46.1774, 61.8994, 76.5352**.

Distribution



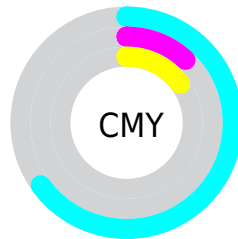
- Red (35%)
- Green (88%)
- Blue (85%)



- Red (35%)
- Yellow (62%)
- Blue (88%)



- Cyan (60%)
- Magenta (0%)
- Yellow (3%)
- Black (12%)





- Cyan (65%)
- Magenta (12%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.5270, 60.5469, 75.7223 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 43.5270, 60.5469, 75.7223 by changing the saturation by 10% instead.


 43.5270, 60.5469,
75.7223

 43.5270, 60.5469,
75.7223

351.6595,
426.6107, 499.7181


 30.4951, 43.8596,
55.6995


 79.7563, 105.6226,
129.0908

 20.3647, 30.5601,
39.5597


 103.6844,
134.7798, 163.2736

 12.7702, 20.2641,
26.8842


 131.9754,
168.8624, 203.0134

 7.3464, 12.5872,
17.2546

 164.9944,
208.2549, 248.7289

 3.7279, 7.1449,
10.2523

203.1070,
253.3415, 300.8386

 1.5494, 3.5529,
5.4588

246.6785,

 0.3591, 1.4267,

304.5068, 359.7610

2.4555

296.0742,
362.1350, 425.9146

■ 0.0000, 0.2363,
0.8164

■ 0.0000, 0.0000,
0.0000

■ 43.5270, 60.5469,
75.7223

■ 43.5270, 60.5469,
75.7223

■ 41.5373, 59.5377,
74.9471

■ 46.1774, 61.8994,
76.5352

■ 40.1419, 58.8334,
74.2026


■ 49.5367, 63.6159,
77.3841


■ 39.2702, 58.3989,
73.4867


■ 53.6545, 65.7233,
78.2727


■ 38.7978, 58.1702,
72.7936


■ 58.5747, 68.2442,
79.2030


 38.7904, 58.1667,
72.7811

 64.3378, 71.1996,
80.1769

 70.9814, 74.6089,
81.1962

 78.5411, 78.4903,
82.2626

 81.6279, 80.0657,
83.1239

 81.7661, 80.1210,
83.8513

Harmonies

Analogous

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



43.8797, 60.5469, 52.9993



43.5270, 60.5469, 75.7223



46.6607, 60.5469, 100.7967

Triad

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



43.5270, 60.5469, 75.7223



68.6984, 60.5469, 105.2609



62.5307, 60.5469, 31.7613

Complementary

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



43.5270, 60.5469, 75.7223



36.5100, 24.0060, 13.7777

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.



70.0093, 60.5469, 40.1966



43.5270, 60.5469, 75.7223



73.7954, 60.5469, 80.7985

Square

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



43.5270, 60.5469, 75.7223



60.8742, 60.5469, 120.3582



74.2966, 60.5469, 57.0120



54.3452, 60.5469, 31.0214

Rectangle

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



43.5270, 60.5469, 75.7223



50.4948, 60.5469, 114.0885



74.2966, 60.5469, 57.0120



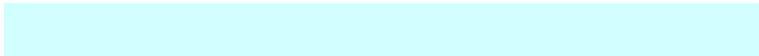
65.2292, 60.5469, 33.6785

Sweetspot

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



43.5288, 60.5492, 75.7237



79.8035, 92.1782, 106.4679



33.4009, 56.5768, 18.8344



16.6306, 19.4989, 22.7083



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.



43.5288, 60.5492, 75.7237



55.1420, 79.5764, 100.2683



30.8948, 34.0014, 75.4581



14.0887, 15.5612, 17.5021



22.5898, 33.8608, 42.4247



1.5741, 2.3504, 2.9845

Inverse Universe

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



36.5100, 24.0060, 13.7777



44.9529, 26.3912, 10.2414



43.5424, 38.4964, 14.8100



13.7320, 13.7104, 14.3589



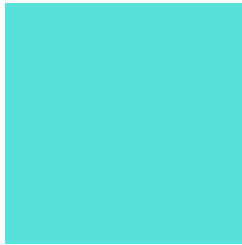
17.9364, 9.2415, 1.0648



1.2521, 0.6441, 0.1207

Previews

White Background



This preview shows how the XYZ color 43.5270, 60.5469, 75.7223 looks on a white background.

Color Contrast Check

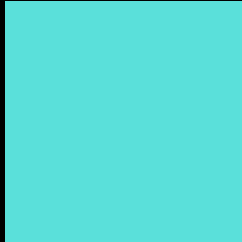
Large Text (above 18pt) WCAG AA × Fail

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 43.5270, 60.5469, 75.7223 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

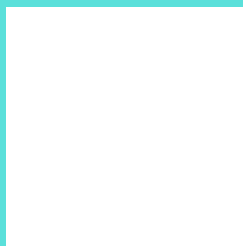
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 43.5270, 60.5469, 75.7223

Background



This preview shows how black text looks on a background with the XYZ color 43.5270, 60.5469, 75.7223.



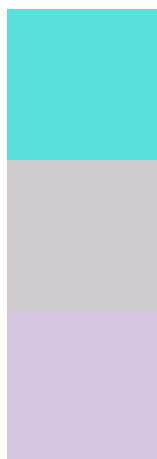
This preview shows how white text looks on a background with the XYZ color 43.5270, 60.5469,

75.7223.

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

43.5270, 60.5469, 75.7223

Protanopia

57.5936, 59.7706, 66.2590

Deuteranopia

60.8614, 59.4605, 78.7903



Tritanopia

46.5820, 60.5975, 90.9027

Trichromacy



Original Color

43.5270, 60.5469, 75.7223



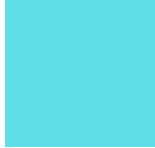
Protanomaly

49.9893, 58.6388, 69.6565



Deuteranomaly

51.6461, 58.2244, 77.6236



Tritanomaly

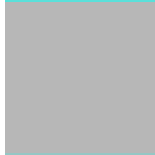
45.3690, 60.4989, 84.8876

Monochromacy



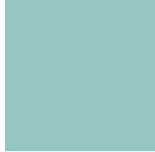
Original Color

43.5270, 60.5469, 75.7223



Achromatopsia

45.0092, 47.3531, 51.5676



Achromatomaly

42.5523, 50.7633, 59.7801

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.5270, 60.5469, 75.7223 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(90, 224, 218)` looks like.

```
.text, #text, p{  
    color:rgb(90, 224, 218)  
}
```

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(90, 224, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 224, 218) }
```

Border

The CSS property to change the border of an element to XYZ 43.5270, 60.5469, 75.7223 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(90, 224, 218) }
```


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

```
.border{ border-color:rgb(90, 224, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(90, 224, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 224, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 224, 218);  
box-shadow:4px 4px 4px 4px rgb(90, 224,  
218) }
```

Background

The CSS property to change the background color of an element to XYZ 43.5270, 60.5469, 75.7223 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 224, 218) }
```

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

```
.background{ background-color: rgb(90, 224,  
218) }
```

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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