

Converting Colors

XYZ(43.1976, 61.3265, 69.2349)

Have a look what the booklet for
XYZ(43.1976, 61.3265, 69.2349)
contains.

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Color

**XYZ(43.1976, 61.3265,
69.2349)**

Conversions

Conversions Part 1

Format	Color
Hex	5EE2D0
RGB	94, 226, 208
RGB Percent	37%, 89%, 82%
CMY	0.6314, 0.1137, 0.1843
CMYK	0.58, 0.00, 0.08, 0.11
HSL	172°, 69%, 63%
HSV	172°, 58%, 89%
XYZ	43.1976, 61.3265, 69.2349
YIQ	184.4800, -72.8940, -33.5820

Conversions

Conversions Part 2

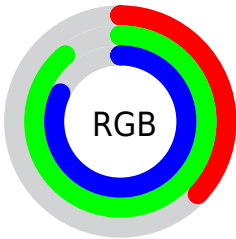
Format	Color
RYB	94, 165, 226
Decimal	6218448
CIELab	82.55, -40.38, -2.06
CIELCh	83, 40.430, 182.924
Yxy	61.3265, 0.2486, 0.3529
Android (android.graphics.Color)	4284408528 (0xFF5EE2D0)
YUV	184.4800, 11.5954, -79.3510
Hunter-Lab	78.3112, -38.5815, 2.3996

Details

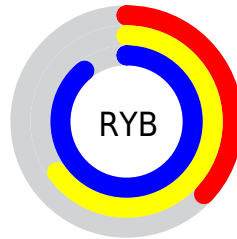
The XYZ color **43.1976, 61.3265, 69.2349** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **38.2934, 25.3457, 18.2053**, and the grayscale version is **45.7938, 48.1787, 52.4666**.

A 20% lighter version of the original color is **67.5203, 85.8079, 107.6116**, and **20.2075, 31.0825, 35.5063** is the 20% darker color. If you saturate the color by 10%, you get **40.8354, 60.1536, 67.1651**, and if you desaturate by 10%, it is **46.2490, 62.8568, 71.3781**.

Distribution



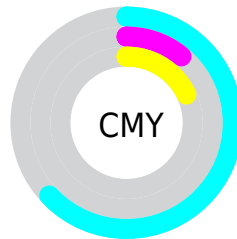
- Red (37%)
- Green (89%)
- Blue (82%)



- Red (37%)
- Yellow (65%)
- Blue (89%)



- Cyan (58%)
- Magenta (0%)
- Yellow (8%)
- Black (11%)





- Cyan (63%)
- Magenta (11%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.1976, 61.3265, 69.2349 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 43.1976, 61.3265, 69.2349 by changing the saturation by 10% instead.


 43.1976, 61.3265,
69.2349


 43.1976, 61.3265,
69.2349


350.3315,
429.4701, 476.5754


 30.2354, 44.4887,
50.4301


 79.2628, 106.7515,
119.7879


 20.1663, 31.0549,
35.3817

 103.0965,
136.1076, 152.3731

 12.6249, 20.6407,
23.6711


 131.2848,
170.4052, 190.3889

 7.2460, 12.8616,
14.8799

 164.1929,
210.0287, 234.2539

 3.6641, 7.3333,
8.5895

202.1863,
255.3626, 284.3864

 1.5139, 3.6714,
4.3813

245.6303,

 0.3353, 1.4915,

306.7912, 341.2052

1.8367

294.8902,
364.6989, 405.1286

■ 0.0000, 0.2827,
0.4520

■ 0.0000, 0.0000,
0.0000

■ 43.1976, 61.3265,
69.2349

■ 43.1976, 61.3265,
69.2349

■ 40.8354, 60.1536,
67.1651

■ 46.2490, 62.8568,
71.3781

■ 39.0960, 59.2994,
65.1614


■ 50.0381, 64.7650,
73.5932


■ 37.9090, 58.7292,
63.2215


■ 54.6151, 67.0786,
75.8841

■ 37.1691, 58.3887,
61.3404


■ 60.0242, 69.8203,
78.2531


 37.0682, 58.3431,
61.0448

 66.3065, 73.0112,
80.7022

 73.5002, 76.6711,
83.2335

 81.6412, 80.8185,
85.8488

 83.0968, 81.5185,
88.1912

 83.5403, 81.6959,
90.5264

Harmonies

Analogous

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



44.6905, 61.3265, 47.3435



43.1976, 61.3265, 69.2349



45.4054, 61.3265, 96.1752

Triad

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



43.1976, 61.3265, 69.2349



67.8108, 61.3265, 115.3056



66.1974, 61.3265, 32.6905

Complementary

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



43.1976, 61.3265, 69.2349



38.2934, 25.3457, 18.2053

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.



73.4047, 61.3265, 44.0736



43.1976, 61.3265, 69.2349



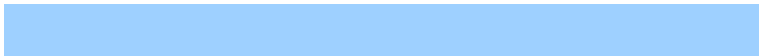
74.3991, 61.3265, 90.9041

Square

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



43.1976, 61.3265, 69.2349



59.1420, 61.3265, 126.5834



76.5401, 61.3265, 64.3724



57.4442, 61.3265, 29.5878

Rectangle

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



43.1976, 61.3265, 69.2349



48.8201, 61.3265, 112.4777



76.5401, 61.3265, 64.3724



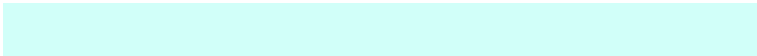
68.9093, 61.3265, 35.5084

Sweetspot

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



43.1994, 61.3289, 69.2363



79.1412, 91.9132, 102.9800



36.1321, 58.7674, 20.0298



16.4665, 19.4333, 21.8442



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.



43.1994, 61.3289, 69.2363



53.1556, 78.8272, 87.7603



34.6264, 40.4347, 77.9339



14.0319, 15.5385, 17.2034



21.1792, 33.2965, 34.9965



1.4906, 2.3169, 2.5444

Inverse Universe

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



38.2934, 25.3457, 18.2053



46.2004, 27.4346, 15.1323



42.7939, 35.7937, 15.2443



13.7830, 13.7308, 14.6273



18.0580, 9.2902, 1.7054



1.2765, 0.6539, 0.2487

Previews

White Background



This preview shows how the XYZ color 43.1976, 61.3265, 69.2349 looks on a white background.

Color Contrast Check

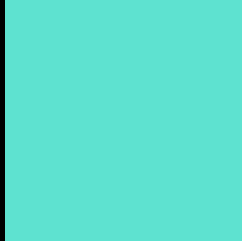
Large Text (above 18pt) WCAG AA × Fail

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 43.1976, 61.3265, 69.2349 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

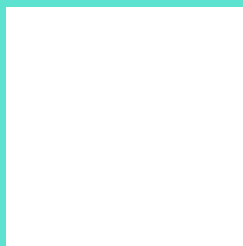
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 43.1976, 61.3265, 69.2349

Background



This preview shows how black text looks on a background with the XYZ color 43.1976, 61.3265, 69.2349.

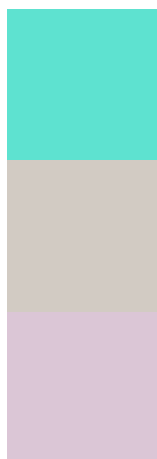


This preview shows how white text looks on a background with the XYZ color 43.1976, 61.3265,

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

43.1976, 61.3265, 69.2349

Protanopia

57.7846, 60.3536, 60.2336

Deuteranopia

61.5451, 60.3033, 72.0142



Tritanopia

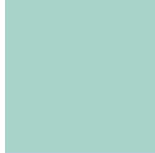
47.3803, 61.0091, 90.9401

Trichromacy



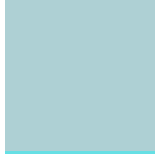
Original Color

43.1976, 61.3265, 69.2349



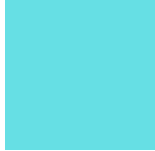
Protanomaly

49.8680, 59.0835, 63.4195



Deuteranomaly

51.8951, 58.8639, 70.9141



Tritanomaly

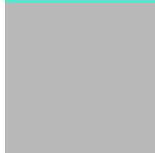
45.8708, 61.2016, 82.7942

Monochromacy



Original Color

43.1976, 61.3265, 69.2349



Achromatopsia

45.5594, 47.9320, 52.1980



Achromatomaly

42.8116, 51.2764, 58.0930

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.1976, 61.3265, 69.2349 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, 226, 208)` looks like.

```
.text, #text, p{  
    color:rgb(94, 226, 208)  
}
```

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, 226, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 226, 208) }
```

Border

The CSS property to change the border of an element to XYZ 43.1976, 61.3265, 69.2349 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, 226, 208) }
```


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

```
.border{ border-color:rgb(94, 226, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 226, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 226, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 226, 208);  
box-shadow:4px 4px 4px 4px rgb(94, 226,  
208) }
```

Background

The CSS property to change the background color of an element to XYZ 43.1976, 61.3265, 69.2349 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 226, 208) }
```

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

```
.background{ background-color: rgb(94, 226,  
208) }
```

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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