

Converting Colors

XYZ(43.4624, 51.3511, 69.9084)

Have a look what the booklet for
XYZ(43.4624, 51.3511, 69.9084)
contains.

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Color

**XYZ(43.4624, 51.3511,
69.9084)**

Conversions

Conversions Part 1

Format	Color
Hex	8EC7D4
RGB	142, 199, 212
RGB Percent	56%, 78%, 83%
CMY	0.4431, 0.2196, 0.1686
CMYK	0.33, 0.06, 0.00, 0.17
HSL	191°, 45%, 69%
HSV	191°, 33%, 83%
XYZ	43.4624, 51.3511, 69.9084
YIQ	183.4390, -38.1450, -8.0410

Conversions

Conversions Part 2

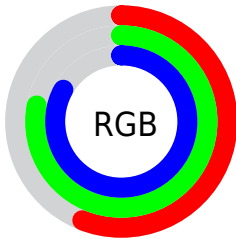
Format	Color
RYB	142, 173, 212
Decimal	9357268
CIELab	76.89, -15.19, -12.38
CIElCh	77, 19.593, 219.192
Yxy	51.3511, 0.2639, 0.3117
Android (android.graphics.Color)	4287547348 (0xFF8EC7D4)
YUV	183.4390, 14.0806, -36.3420
Hunter-Lab	71.6597, -17.1422, -7.6792

Details

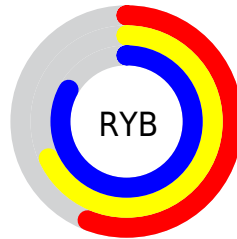
The XYZ color **43.4624, 51.3511, 69.9084** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **43.7559, 39.3932, 30.8898**, and the grayscale version is **45.1921, 47.5456, 51.7771**.

A 20% lighter version of the original color is **77.0987, 90.7458, 108.0599**, and **20.2357, 24.7598, 35.6109** is the 20% darker color. If you saturate the color by 10%, you get **39.2715, 47.8646, 69.4572**, and if you desaturate by 10%, it is **48.3715, 55.2452, 70.4022**.

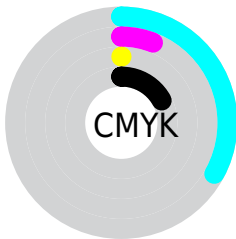
Distribution



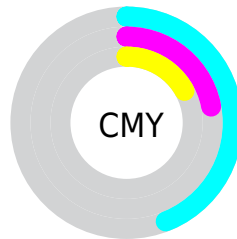
- Red (56%)
- Green (78%)
- Blue (83%)



- Red (56%)
- Yellow (68%)
- Blue (83%)



- Cyan (33%)
- Magenta (6%)
- Yellow (0%)
- Black (17%)



- Cyan (44%)
- Magenta (22%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.4624, 51.3511, 69.9084 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 43.4624, 51.3511, 69.9084 by changing the saturation by 10% instead.

■ 43.4624, 51.3511,
69.9084

■ 43.4624, 51.3511,
69.9084

351.3993,
391.9263, 479.0088

■ 30.4442, 36.4881,
50.9755

■ 79.6595, 92.1735,
120.7580

■ 20.3257, 24.8114,
35.8125

■ 103.5692,
118.9018, 153.5118

■ 12.7417, 15.9366,
24.0009

131.8400,
150.3539, 191.7097

■ 7.3267, 9.4793,
15.1221

164.8374,
186.9143, 235.7701

■ 3.7154, 5.0551,
8.7575

202.9266,
228.9673, 286.1117

■ 1.5424, 2.2796,
4.4887

246.4731,

■ 0.3544, 0.7629,

276.8974, 343.1530

1.8971

295.8422,
331.0890, 407.3125

■ 0.0000, 0.0000,
0.4909

■ 0.0000, 0.0000,
0.0000

■ 43.4624, 51.3511,
69.9084

■ 43.4624, 51.3511,
69.9084

■ 39.2715, 47.8646,
69.4572

■ 48.3715, 55.2452,
70.4022

■ 35.7548, 44.7589,
69.0431

■ 54.0307, 59.5597,
70.9367

■ 32.8703, 42.0134,
68.6652

■ 60.4754, 64.3145,
71.5148

■ 30.5694, 39.6027,
68.3211

■ 67.7372, 69.5261,
72.1380

■ 28.7960, 37.4977,
68.0083

■ 75.8463, 75.2102,
72.8077

■ 27.4825, 35.6633,
67.7235

■ 79.4109, 78.5876,
73.2718

■ 26.7577, 34.5012,
67.5374

■ 80.4726, 80.7110,
73.6257

■ 81.5589, 82.8836,
73.9878

■ 82.6700, 85.1058,
74.3581

Harmonies

Analogous

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



42.0707, 51.3511, 59.2552



43.4624, 51.3511, 69.9084



46.3064, 51.3511, 77.3720

Triad

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



43.4624, 51.3511, 69.9084



55.8166, 51.3511, 63.5236



47.6720, 51.3511, 38.0035

Complementary

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



43.4624, 51.3511, 69.9084



43.7559, 39.3932, 30.8898

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.



51.3975, 51.3511, 38.8405



43.4624, 51.3511, 69.9084



56.2280, 51.3511, 52.6981

Square

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



43.4624, 51.3511, 69.9084



53.4770, 51.3511, 73.3722



54.5742, 51.3511, 43.9218



44.4184, 51.3511, 41.4689

Rectangle

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



43.4624, 51.3511, 69.9084



48.7067, 51.3511, 79.0434



54.5742, 51.3511, 43.9218



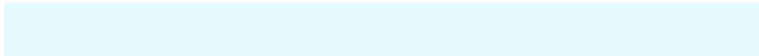
48.9088, 51.3511, 37.8017

Sweetspot

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



43.4639, 51.3531, 69.9096



84.7909, 92.4964, 107.9924



40.6023, 55.1997, 39.4528



17.8615, 19.5843, 23.0887



0.0000, 0.0000, 0.0000



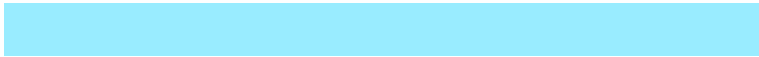
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



43.4639, 51.3531, 69.9096



61.1997, 74.0179, 105.6691



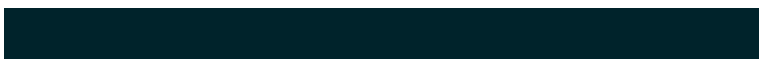
36.3454, 37.1161, 67.5367



12.5870, 13.6975, 15.9180



16.5872, 21.4362, 41.7165



1.0524, 1.3968, 2.5335

Inverse Universe

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



47.1344, 37.4678, 58.7828



67.7803, 50.1021, 85.5010



50.4122, 52.7059, 33.1086



12.8495, 12.5913, 15.1477



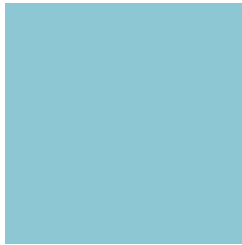
21.4313, 10.5089, 25.3732



1.3189, 0.6443, 1.6685

Previews

White Background



This preview shows how the XYZ color 43.4624, 51.3511, 69.9084 looks on a white background.

Color Contrast Check

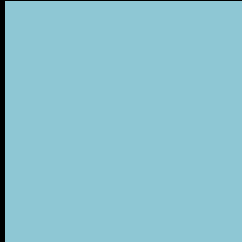
Large Text (above 18pt) WCAG AA × Fail

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 43.4624, 51.3511, 69.9084 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

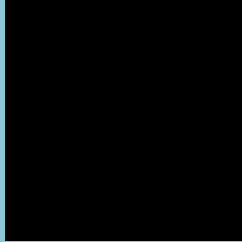
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.4624, 51.3511, 69.9084

Background



This preview shows how black text looks on a background with the XYZ color 43.4624, 51.3511, 69.9084.



This preview shows how white text looks on a background with the XYZ color 43.4624, 51.3511,

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

43.4624, 51.3511, 69.9084

Protanopia

49.7417, 51.0656, 64.9926

Deuteranopia

51.9119, 50.7894, 71.3573



Tritanopia

44.0169, 51.5928, 71.9284

Trichromacy



Original Color

43.4624, 51.3511, 69.9084

Protanomaly

47.0294, 50.9113, 67.0227

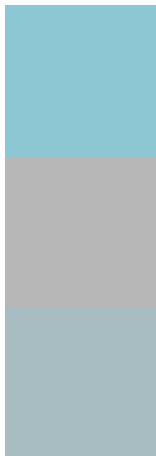
Deuteranomaly

48.2397, 50.4803, 70.8195

Tritanomaly

43.8887, 51.5415, 71.2537

Monochromacy



Original Color

43.4624, 51.3511, 69.9084

Achromatopsia

45.0092, 47.3531, 51.5676

Achromatomaly

44.0836, 48.6151, 58.0991

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.4624, 51.3511, 69.9084 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(142, 199, 212)` looks like.

```
.text, #text, p{  
    color:rgb(142, 199, 212)  
}
```

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(142, 199, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 199, 212) }
```

Border

The CSS property to change the border of an element to XYZ 43.4624, 51.3511, 69.9084 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(142, 199, 212) }
```


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

```
.border{ border-color:rgb(142, 199, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 199, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 199, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 199, 212);  
box-shadow:4px 4px 4px 4px rgb(142, 199,  
212) }
```

Background

The CSS property to change the background color of an element to XYZ 43.4624, 51.3511, 69.9084 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 199, 212) }
```

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

```
.background{ background-color: rgb(142,  
199, 212) }
```

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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