

Converting Colors

XYZ(43.8359, 51.1897, 75.9697)

Have a look what the booklet for
XYZ(43.8359, 51.1897, 75.9697)
contains.

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Color

**XYZ(43.7265, 51.0119,
75.9483)**

Conversions

Conversions Part 1

Format	Color
Hex	8AC6DD
RGB	138, 198, 221
RGB Percent	54%, 78%, 87%
CMY	0.4588, 0.2235, 0.1333
CMYK	0.38, 0.10, 0.00, 0.13
HSL	197°, 55%, 70%
HSV	197°, 38%, 87%
XYZ	43.7265, 51.0119, 75.9483
YIQ	182.6820, -43.1430, -5.5670

Conversions

Conversions Part 2

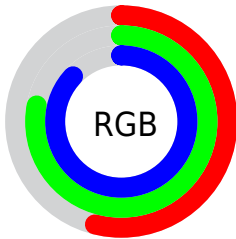
Format	Color
RYB	138, 173, 221
Decimal	9094877
CIELab	76.69, -13.52, -17.57
CIElCh	77, 22.169, 232.411
Yxy	51.0119, 0.2562, 0.2989
Android (android.graphics.Color)	4287284957 (0xFF8AC6DD)
YUV	182.6820, 18.8908, -39.1861
Hunter-Lab	71.4226, -15.7079, -13.0511

Details

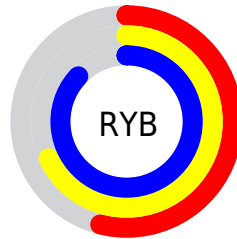
The XYZ color **43.7265, 51.0119, 75.9483** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **47.1521, 42.6978, 29.8026**, and the grayscale version is **44.7538, 47.0844, 51.2749**.

A 20% lighter version of the original color is **76.0581, 90.2093, 108.0112**, and **20.5123, 24.5845, 39.7406** is the 20% darker color. If you saturate the color by 10%, you get **39.0642, 46.5734, 75.3382**, and if you desaturate by 10%, it is **49.1925, 55.9511, 76.6145**.

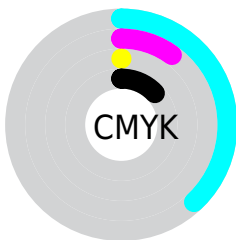
Distribution



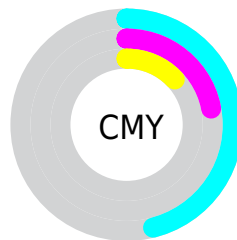
- Red (54%)
- Green (78%)
- Blue (87%)



- Red (54%)
- Yellow (68%)
- Blue (87%)



- Cyan (38%)
- Magenta (10%)
- Yellow (0%)
- Black (13%)





- Cyan (46%)
- Magenta (22%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.7265, 51.0119, 75.9483 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 43.7265, 51.0119, 75.9483 by changing the saturation by 10% instead.


 43.7265, 51.0119,
75.9483


 43.7265, 51.0119,
75.9483

352.4621,
390.6100, 500.5128


 30.6525, 36.2181,
55.8837

 80.0549, 91.6724,
129.4132

 20.4849, 24.6027,
39.7063


 104.0401,
118.3078, 163.6507

 12.8583, 15.7813,
26.9976


 132.3931,
149.6592, 203.4495

 7.4074, 9.3695,
17.3390

165.4792,
186.1110, 249.2282

 3.7667, 4.9830,
10.3120

203.6638,
228.0476, 301.4053

 1.5710, 2.2373,
5.4980

247.3122,

 0.3734, 0.7402,

275.8534, 360.3994

2.4785

296.7899,
329.9127, 426.6291

■ 0.0000, 0.0000,
0.8287

■ 0.0000, 0.0000,
0.0000

■ 43.7265, 51.0119,
75.9483

■ 43.7265, 51.0119,
75.9483

■ 39.0642, 46.5734,
75.3382

■ 49.1925, 55.9511,
76.6145

■ 35.1548, 42.6049,
74.7783

■ 55.4996, 61.4077,
77.3353

■ 31.9489, 39.0811,
74.2671

■ 62.6886, 67.4049,
78.1139

■ 29.3885, 35.9711,
73.8017

■ 70.7962, 73.9625,
78.9524

■ 27.4060, 33.2391,
73.3789

■ 79.8568, 81.0991,
79.8523

■ 25.9095, 30.8364,
72.9940

■ 83.9270, 85.7518,
80.5359

■ 25.5812, 30.2803,
72.9040

■ 85.7081, 89.3140,
81.1296

■ 87.5501, 92.9981,
81.7436

■ 89.4536, 96.8051,
82.3781

Harmonies

Analogous

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



41.3996, 51.0119, 64.8308



43.7265, 51.0119, 75.9483



47.4271, 51.0119, 81.7525

Triad

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



43.7265, 51.0119, 75.9483



56.9343, 51.0119, 58.6523



45.4726, 51.0119, 36.7965

Complementary

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



43.7265, 51.0119, 75.9483



47.1521, 42.6978, 29.8026

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.



49.5591, 51.0119, 35.6360



43.7265, 51.0119, 75.9483



56.3365, 51.0119, 47.1881

Square

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



43.7265, 51.0119, 75.9483



55.1666, 51.0119, 70.8709



53.5774, 51.0119, 39.1656



42.3664, 51.0119, 42.6022

Rectangle

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



43.7265, 51.0119, 75.9483



50.2408, 51.0119, 81.3163



53.5774, 51.0119, 39.1656



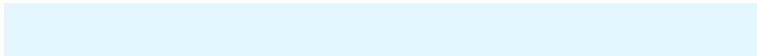
46.7711, 51.0119, 35.8878

Sweetspot

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



43.7281, 51.0139, 75.9495



83.0432, 90.2036, 107.6419



42.6958, 59.6601, 42.5856



17.4810, 19.0629, 23.0081



0.0000, 0.0000, 0.0000



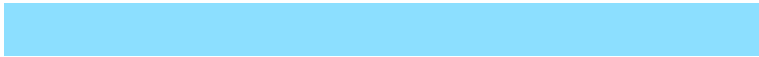
20.3446, 21.4041, 23.3091

Same Dimension

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



43.7281, 51.0139, 75.9495



55.3496, 65.7015, 104.3722



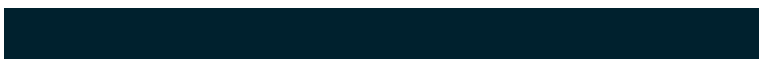
35.6529, 34.8635, 73.2578



13.1240, 14.1877, 16.6989



14.9599, 17.7893, 42.3836



1.0401, 1.2943, 2.7694

Inverse Universe

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



49.1017, 37.6278, 58.1031



64.0014, 45.4280, 75.3514



55.4420, 59.2775, 32.5658



13.4524, 13.2101, 15.6438



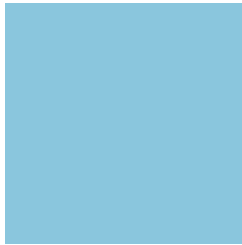
21.0464, 10.4196, 20.4222



1.3993, 0.6893, 1.5115

Previews

White Background



This preview shows how the XYZ color 43.7265, 51.0119, 75.9483 looks on a white background.

Color Contrast Check

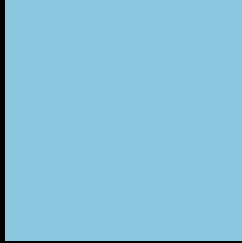
Large Text (above 18pt) WCAG AA × Fail

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 43.7265, 51.0119, 75.9483 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 43.7265, 51.0119, 75.9483

Background



This preview shows how black text looks on a background with the XYZ color 43.7265, 51.0119, 75.9483.



This preview shows how white text looks on a background with the XYZ color 43.7265, 51.0119,

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

43.7265, 51.0119, 75.9483

Protanopia

49.6751, 50.5860, 70.7643

Deuteranopia

51.8302, 50.6099, 77.5580



Tritanopia

42.8425, 50.9874, 71.8735

Trichromacy



Original Color

43.7265, 51.0119, 75.9483

Protanomaly

47.0915, 50.4868, 72.9086

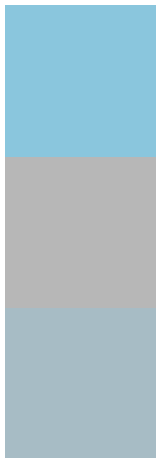
Deuteranomaly

48.3115, 50.3808, 76.9902

Tritanomaly

43.2643, 51.1750, 73.2431

Monochromacy



Original Color

43.7265, 51.0119, 75.9483

Achromatopsia

45.0092, 47.3531, 51.5676

Achromatomaly

43.9976, 48.2131, 59.8105

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.7265, 51.0119, 75.9483 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(138, 198, 221)` looks like.

```
.text, #text, p{  
    color:rgb(138, 198, 221)  
}
```

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(138, 198, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 198, 221) }
```

Border

The CSS property to change the border of an element to XYZ 43.7265, 51.0119, 75.9483 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(138, 198, 221) }
```


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

```
.border{ border-color:rgb(138, 198, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 198, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 198, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 198, 221);  
box-shadow:4px 4px 4px 4px rgb(138, 198,  
221) }
```

Background

The CSS property to change the background color of an element to XYZ 43.7265, 51.0119, 75.9483 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 198, 221) }
```

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

```
.background{ background-color: rgb(138,  
198, 221) }
```

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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