

Converting Colors

XYZ(50.1046, 72.3265,
100.9422)

Have a look what the booklet for
XYZ(50.1046, 72.3265, 100.9422)
contains.

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Color

**XYZ(50.1046, 72.3265,
100.9422)**

Conversions

Conversions Part 1

Format	Color
Hex	17F5F9
RGB	23, 245, 249
RGB Percent	9%, 96%, 98%
CMY	0.9097, 0.0392, 0.0235
CMYK	0.91, 0.02, 0.00, 0.02
HSL	181°, 95%, 53%
HSV	181°, 91%, 98%
XYZ	50.1046, 72.3265, 100.9422
YIQ	179.0780, -133.5960, -45.8200

Conversions

Conversions Part 2

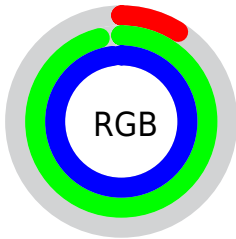
Format	Color
R _Y B	23, 135, 249
Decimal	1570297
CIE Lab	88.13, -44.91, -15.49
CIE LCh	88, 47.504, 199.028
Yxy	72.3265, 0.2243, 0.3238
Android (android.graphics.Color)	4279760377 (0xFF17F5F9)
YUV	179.0780, 34.4715, -136.8804
Hunter-Lab	85.0450, -43.6647, -10.8414

Details

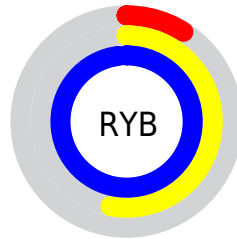
The XYZ color **50.1046, 72.3265, 100.9422** is a light color, and the websafe version is hex **33FFFF**. The color can be described as light washed cyan. A complement of this color would be **39.6153, 20.9876, 2.7756**, and the grayscale version is **42.7692, 44.9965, 49.0012**.

A 20% lighter version of the original color is **61.9784, 82.9510, 107.3523**, and **27.6089, 39.8167, 56.6823** is the 20% darker color. If you saturate the color by 10%, you get **49.6294, 71.9002, 100.8863**, and if you desaturate by 10%, it is **51.1020, 73.0404, 101.0288**.

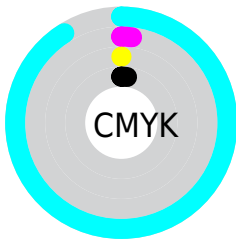
Distribution



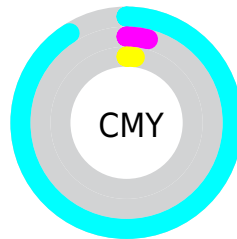
- Red (9%)
- Green (96%)
- Blue (98%)



- Red (9%)
- Yellow (53%)
- Blue (98%)



- Cyan (91%)
- Magenta (2%)
- Yellow (0%)
- Black (2%)



- Cyan (91%)
- Magenta (4%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.1046, 72.3265, 100.9422 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 50.1046, 72.3265, 100.9422 by changing the saturation by 10% instead.

50.1046, 72.3265,
100.9422

50.1046, 72.3265,
100.9422

377.5201,
468.6772, 584.4817

35.7147, 53.4254,
76.4664

89.5207, 122.5206,
164.5145

24.3830, 38.1425,
56.3061

115.2776,
154.5824, 204.4481

15.7442, 26.0933,
40.0427

145.5542,
191.8000, 250.3714

9.4330, 16.8935,
27.2578

180.7159,
234.5577, 302.7029

5.0841, 10.1586,
17.5328

221.1279,
283.2398, 361.8611

2.3319, 5.5042,
10.4491

267.1557,

0.8109, 2.5460,

338.2309, 428.2646

5.5883

319.1647,
399.9152, 502.3320

■ 0.0000, 0.8996,
2.5317

■ 0.0000, 0.0000,
0.8569

■ 50.1046, 72.3265,
100.9422

■ 50.1046, 72.3265,
100.9422

■ 49.6294, 71.9002,
100.8863

■ 51.1020, 73.0404,
101.0288

■ 52.7552, 74.0912,
101.1445

■ 55.1627, 75.5313,
101.2956

■ 58.4050, 77.4024,
101.4858

■ 62.5524, 79.7404,
101.7185

■ 67.6678, 82.5779,
101.9966

■ 73.8082, 85.9444,
102.3227

■ 81.0265, 89.8670,
102.6994

■ 89.3720, 94.3711,
103.1290

Harmonies

Analogous

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



49.4645, 72.3265, 67.4425



50.1046, 72.3265, 100.9422



55.4020, 72.3265, 136.0099

Triad

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



50.1046, 72.3265, 100.9422



86.5774, 72.3265, 127.2640



72.9828, 72.3265, 31.9416

Complementary

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



50.1046, 72.3265, 100.9422



39.6153, 20.9876, 2.7756

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.



84.0729, 72.3265, 40.3528



50.1046, 72.3265, 100.9422



92.4772, 72.3265, 91.2584

Square

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



50.1046, 72.3265, 100.9422



76.1094, 72.3265, 153.8658



91.5133, 72.3265, 60.0771



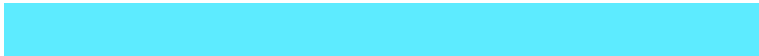
61.8701, 72.3265, 33.2035

Rectangle

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



50.1046, 72.3265, 100.9422



61.2239, 72.3265, 152.7353



91.5133, 72.3265, 60.0771



76.8563, 72.3265, 33.6129

Sweetspot

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



50.1068, 72.3292, 100.9439



73.7088, 88.4231, 107.7902



34.4260, 68.0132, 12.3385



15.3267, 18.6787, 23.0475



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.



50.1068, 72.3292, 100.9439



52.3875, 75.8949, 106.4958



25.7390, 23.5936, 92.8214



17.7380, 19.5527, 22.2245



26.5774, 38.5103, 54.0060



2.4697, 3.5831, 5.0046

Inverse Universe

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



55.8566, 27.3471, 88.7235



58.5720, 28.1928, 93.1989



48.5693, 38.8956, 5.7603



17.9790, 17.5190, 21.7453



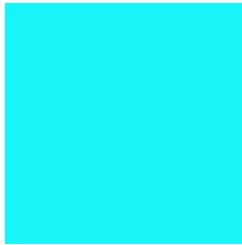
29.7071, 14.2985, 47.2932



2.7555, 1.3259, 4.4019

Previews

White Background



This preview shows how the XYZ color 50.1046, 72.3265, 100.9422 looks on a white background.

Color Contrast Check

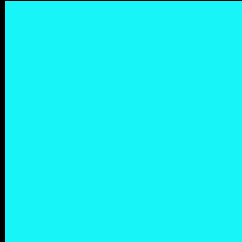
Large Text (above 18pt) WCAG AA × Fail

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 50.1046, 72.3265, 100.9422 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

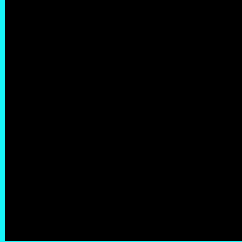
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 50.1046, 72.3265, 100.9422

Background



This preview shows how black text looks on a background with the XYZ color 50.1046, 72.3265, 100.9422.



This preview shows how white text looks on a background with the XYZ color 50.1046, 72.3265,

Color Blindness Simulation

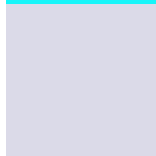
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

50.1046, 72.3265, 100.9422



Protanopia

68.8503, 71.0291, 86.4251



Deuteranopia

72.2208, 70.8427, 104.4753



Tritanopia

55.2232, 72.2042, 105.6340

Trichromacy



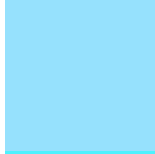
Original Color

50.1046, 72.3265, 100.9422



Protanomaly

55.3888, 67.9558, 91.0864



Deuteranomaly

57.2325, 67.4263, 102.9266



Tritanomaly

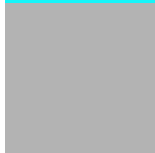
52.3268, 71.6221, 103.9951

Monochromacy



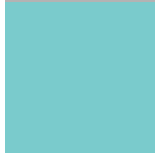
Original Color

50.1046, 72.3265, 100.9422



Achromatopsia

42.8472, 45.0786, 49.0906



Achromatomaly

40.2811, 51.2091, 64.8880

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.1046, 72.3265, 100.9422 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(23, 245, 249)` looks like.

```
.text, #text, p{  
    color:rgb(23, 245, 249)  
}
```

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(23, 245, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(23, 245, 249) }
```

Border

The CSS property to change the border of an element to XYZ 50.1046, 72.3265, 100.9422 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(23, 245, 249) }
```


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

```
.border{ border-color:rgb(23, 245, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(23, 245, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(23, 245, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(23, 245, 249);  
box-shadow:4px 4px 4px 4px rgb(23, 245,  
249) }
```

Background

The CSS property to change the background color of an element to XYZ 50.1046, 72.3265, 100.9422 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(23, 245, 249) }
```

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

```
.background{ background-color: rgb(23, 245,  
249) }
```

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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