

Converting Colors

XYZ(48.0926, 71.0338, 92.0651)

Have a look what the booklet for
XYZ(48.0926, 71.0338, 92.0651)
contains.

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Color

**XYZ(48.0926, 71.0338,
92.0651)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-------------------------------|
| Hex | 15F4EE |
| RGB | 21, 244, 238 |
| RGB Percent | 8%, 96%, 93% |
| CMY | 0.9175, 0.0431, 0.0667 |
| CMYK | 0.91, 0.00, 0.02, 0.04 |
| HSL | 178°, 91%, 52% |
| HSV | 178°, 91%, 96% |
| XYZ | 48.0926, 71.0338, 92.0651 |
| YIQ | 176.6390, -130.9820, -49.1420 |

Conversions

Conversions Part 2

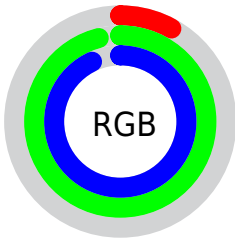
| Format | Color |
|-------------------------------------|---------------------------------|
| R _Y B | 21, 134, 244 |
| Decimal | 1438958 |
| CIE Lab | 87.50, -47.70, -10.67 |
| CIE LCh | 88, 48.878, 192.610 |
| Yxy | 71.0338, 0.2277, 0.3363 |
| Android (android.graphics.Color) | 4279629038 (0xFF15F4EE) |
| YUV | 176.6390, 30.2510, -136.4954 |
| Hunter-Lab | 84.2816, -45.6373, -5.7684 |

Details

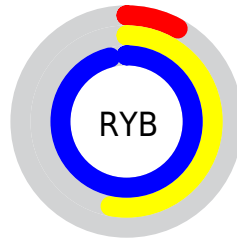
The XYZ color **48.0926, 71.0338, 92.0651** is a light color, and the websafe version is hex **00FFFF**, and the color name is **fluorescent blue**. The color can be described as light washed cyan. A complement of this color would be **37.7767, 19.8509, 2.8801**, and the grayscale version is **41.5037, 43.6652, 47.5514**.

A 20% lighter version of the original color is **61.6952, 82.8049, 107.3390**, and **26.2138, 38.9180, 50.3863** is the 20% darker color. If you saturate the color by 10%, you get **47.7015, 70.8433, 91.6146**, and if you desaturate by 10%, it is **48.9830, 71.4832, 92.6131**.

Distribution



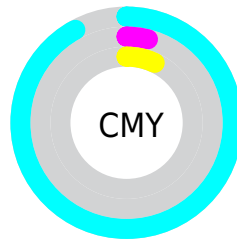
- Red (8%)
- Green (96%)
- Blue (93%)



- Red (8%)
- Yellow (53%)
- Blue (96%)



- Cyan (91%)
- Magenta (0%)
- Yellow (2%)
- Black (4%)





- Cyan (92%)
- Magenta (4%)
- Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 48.0926, 71.0338, 92.0651 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 48.0926, 71.0338, 92.0651 by changing the saturation by 10% instead.


 48.0926, 71.0338,
92.0651


 48.0926, 71.0338,
92.0651


369.7355,
464.1716, 555.4684


 34.1118, 52.3698,
69.1114


 86.5511, 120.6819,
152.1641


 23.1428, 37.2999,
50.3301


 111.7595,
152.4347, 190.1464

 14.8202, 25.4398,
35.3027


 141.4412,
189.3192, 233.9754

 8.7788, 16.4050,
23.6108

 175.9614,
231.7199, 284.0695

 4.6531, 9.8112,
14.8356

215.6856,
280.0210, 340.8473

 2.0779, 5.2740,
8.5587

260.9792,

 0.6771, 2.4089,

334.6071, 404.7274

4.3617

312.2073,
395.8625, 476.1282

■ 0.0000, 0.8305,
1.8258

■ 0.0000, 0.0000,
0.4449

■ 48.0926, 71.0338,
92.0651

■ 48.0926, 71.0338,
92.0651

■ 47.7015, 70.8433,
91.6146

■ 48.9830, 71.4832,
92.6131

■ 50.4928, 72.2503,
93.1903

■ 52.7168, 73.3856,
93.8028

■ 55.7324, 74.9289,
94.4541

■ 59.6069, 76.9149,
95.1475

■ 64.4004, 79.3747,
95.8858

■ 70.1678, 82.3365,
96.6715

■ 76.9594, 85.8262,
97.5069

■ 84.8222, 89.8682,
98.3944

Harmonies

Analogous

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



48.4756, 71.0338, 59.8621



48.0926, 71.0338, 92.0651



52.4650, 71.0338, 128.8419

Triad

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



48.0926, 71.0338, 92.0651



83.6810, 71.0338, 134.1799



74.3672, 71.0338, 31.1662

Complementary

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



48.0926, 71.0338, 92.0651



37.7767, 19.8509, 2.8801

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.



85.1998, 71.0338, 41.8027



48.0926, 71.0338, 92.0651



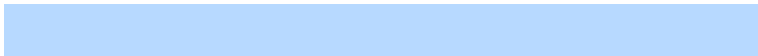
90.9836, 71.0338, 97.9350

Square

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



48.0926, 71.0338, 92.0651



72.4771, 71.0338, 157.4189



91.5691, 71.0338, 64.2818



62.7857, 71.0338, 30.4239

Rectangle

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



48.0926, 71.0338, 92.0651



57.8127, 71.0338, 148.6088



91.5691, 71.0338, 64.2818



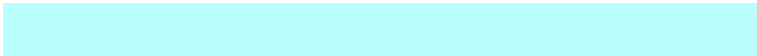
78.2474, 71.0338, 33.5254

Sweetspot

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



48.0947, 71.0365, 92.0668



73.7992, 89.0791, 106.3554



32.9794, 65.0113, 11.5218



15.3485, 18.8368, 22.7018



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.



48.0947, 71.0365, 92.0668



52.7244, 78.3058, 101.2532



26.0113, 25.4347, 89.1291



16.9763, 18.7497, 21.1596



25.9453, 38.5230, 49.8592



2.2863, 3.3882, 4.4137

Inverse Universe

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



37.7767, 19.8509, 2.8801



41.2776, 21.2750, 2.1280



44.7903, 33.9782, 4.9093



16.5172, 16.4897, 17.2043



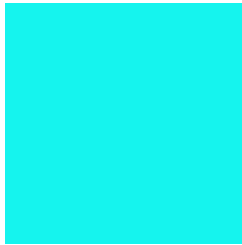
20.3136, 10.4689, 1.0939



1.7916, 0.9226, 0.1290

Previews

White Background



This preview shows how the XYZ color 48.0926, 71.0338, 92.0651 looks on a white background.

Color Contrast Check

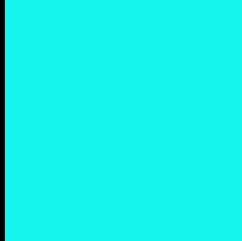
Large Text (above 18pt) WCAG AA × Fail

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 48.0926, 71.0338, 92.0651 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

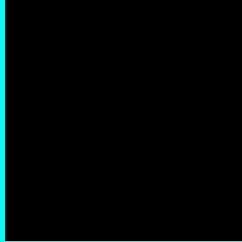
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 48.0926, 71.0338, 92.0651

Background



This preview shows how black text looks on a background with the XYZ color 48.0926, 71.0338, 92.0651.

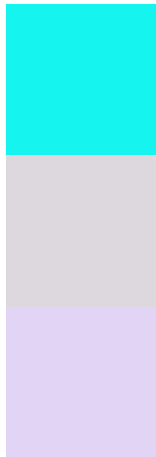


This preview shows how white text looks on a background with the XYZ color 48.0926, 71.0338,

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

48.0926, 71.0338, 92.0651

Protanopia

67.1222, 69.5478, 78.2930

Deuteranopia

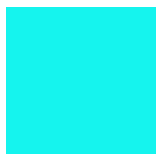
71.0763, 69.6871, 96.0910



Tritanopia

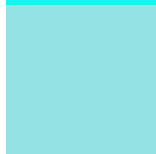
53.6615, 70.9657, 105.4772

Trichromacy



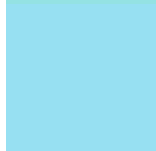
Original Color

48.0926, 71.0338, 92.0651



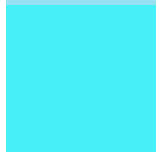
Protanomaly

53.2742, 66.2347, 82.6498



Deuteranomaly

55.4452, 66.3014, 93.8796



Tritanomaly

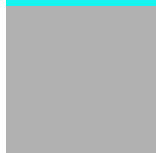
50.7848, 70.4618, 100.5464

Monochromacy



Original Color

48.0926, 71.0338, 92.0651



Achromatopsia

41.7894, 43.9657, 47.8787



Achromatomaly

38.9412, 49.8899, 61.6101

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.0926, 71.0338, 92.0651 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(21, 244, 238)` looks like.

```
.text, #text, p{  
    color:rgb(21, 244, 238)  
}
```

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(21, 244, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(21, 244, 238) }
```

Border

The CSS property to change the border of an element to XYZ 48.0926, 71.0338, 92.0651 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(21, 244, 238) }
```


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

```
.border{ border-color:rgb(21, 244, 238) }
```

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

Here you see how a box with a 4 pixel rgb(21, 244, 238) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(21, 244, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(21, 244, 238);  
box-shadow:4px 4px 4px 4px rgb(21, 244,  
238) }
```

Background

The CSS property to change the background color of an element to XYZ 48.0926, 71.0338, 92.0651 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(21, 244, 238) }
```

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

```
.background{ background-color: rgb(21, 244,  
238) }
```

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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