

Converting Colors

XYZ(47.4415, 65.2826,
101.3672)

Have a look what the booklet for
XYZ(47.4415, 65.2826, 101.3672)
contains.

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Color

**XYZ(47.4415, 65.2826,
101.3672)**

Conversions

Conversions Part 1	
Format	Color
Hex	2FE8FB
RGB	47, 232, 251
RGB Percent	18%, 91%, 98%
CMY	0.8156, 0.0902, 0.0157
CMYK	0.81, 0.08, 0.00, 0.02
HSL	186°, 96%, 58%
HSV	186°, 81%, 98%
XYZ	47.4415, 65.2826, 101.3672
YIQ	178.8510, -116.3590, -33.3110

Conversions

Conversions Part 2

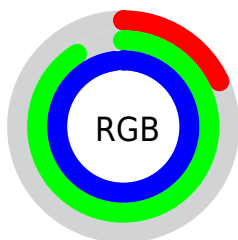
Format	Color
RYB	47, 144, 251
Decimal	3139835
CIELab	84.63, -37.12, -21.79
CIELCh	85, 43.047, 210.410
Yxy	65.2826, 0.2216, 0.3049
Android (android.graphics.Color)	4281329915 (0xFF2FE8FB)
YUV	178.8510, 35.5695, -115.6333
Hunter-Lab	80.7976, -36.5870, -17.8258

Details

The XYZ color **47.4415, 65.2826, 101.3672** is a light color, and the websafe version is hex **66FFFF**. The color can be described as light washed cyan. A complement of this color would be **42.2470, 24.6135, 5.2156**, and the grayscale version is **42.6334, 44.8536, 48.8456**.

A 20% lighter version of the original color is **63.0159, 83.4858, 107.4008**, and **25.2629, 34.9457, 56.4526** is the 20% darker color. If you saturate the color by 10%, you get **45.9457, 63.5424, 101.1114**, and if you desaturate by 10%, it is **49.6143, 67.3875, 101.6602**.

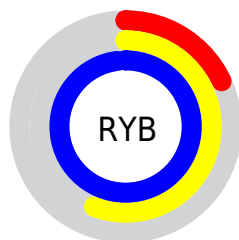
Distribution



Red (18%)

Green (91%)

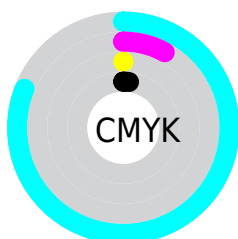
Blue (98%)



Red (18%)

Yellow (56%)

Blue (98%)

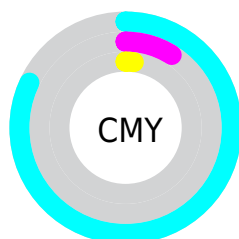


Cyan (81%)

Magenta (8%)

Yellow (0%)

Black (2%)



Cyan (82%)


Magenta (9%)


Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 47.4415, 65.2826, 101.3672 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 47.4415, 65.2826, 101.3672 by changing the saturation by 10% instead.


 47.4415, 65.2826,
101.3672


 47.4415, 65.2826,
101.3672

367.1936,
443.8068, 585.8513


 33.5942, 47.6903,
76.8196


 85.5870, 112.4561,
165.1030


 22.7435, 33.5817,
56.5941


 110.6159,
142.8060, 205.1283

 14.5238, 22.5724,
40.2723


 140.1028,
178.1772, 251.1499

 8.5700, 14.2781,
27.4355

 174.4130,
218.9541, 303.5863

 4.5167, 8.3143,
17.6653

213.9118,
265.5211, 362.8561

 1.9984, 4.2967,
10.5430


258.9646,


 0.6331, 1.8409,


318.2627, 429.3778


5.6501

309.9367,
377.5631, 503.5701


 0.0000, 0.5125,
2.5682


 0.0000, 0.0000,
0.8760


 47.4415, 65.2826,
101.3672

 47.4415, 65.2826,
101.3672


 45.9457, 63.5424,
101.1114

 49.6143, 67.3875,
101.6602

 45.0529, 62.2452,
100.9081


 52.5573, 69.9011,
101.9903


 56.3556, 72.8688,
102.3629


 61.0813, 76.3277,
102.7815

 66.7987, 80.3110,
103.2490

 73.5665, 84.8491,
103.7682

 81.4389, 89.9699,
104.3417

 90.4660, 95.6993,
104.9718

 93.7917, 98.5029,
105.3377

Harmonies

Analogous

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



45.3483, 65.2826, 71.4610



47.4415, 65.2826, 101.3672



53.3666, 65.2826, 127.7297

Triad

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



47.4415, 65.2826, 101.3672



79.5400, 65.2826, 100.5385



61.9170, 65.2826, 30.2157

Complementary

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



47.4415, 65.2826, 101.3672



42.2470, 24.6135, 5.2156

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.



71.6257, 65.2826, 34.2862



47.4415, 65.2826, 101.3672



82.4166, 65.2826, 70.7037

Square

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



47.4415, 65.2826, 101.3672



71.8780, 65.2826, 127.1708



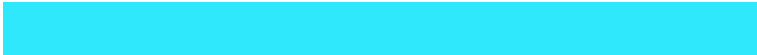
79.3841, 65.2826, 47.5230



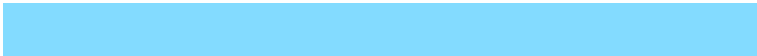
53.1598, 65.2826, 34.5196

Rectangle

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



47.4415, 65.2826, 101.3672



59.0221, 65.2826, 137.0538



79.3841, 65.2826, 47.5230



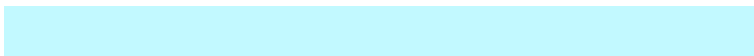
65.1780, 65.2826, 30.6349

Sweetspot

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



47.4436, 65.2850, 101.3688



74.2153, 86.5999, 107.4116



36.5968, 69.9705, 16.4300



15.3458, 18.1749, 22.9492



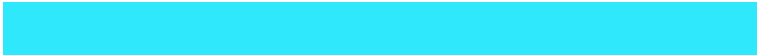
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



47.4436, 65.2850, 101.3688



46.8931, 64.8114, 104.6461



26.8390, 24.0758, 94.5006



17.6195, 19.3158, 22.1850



23.7393, 32.8342, 53.0600



2.2378, 3.1192, 4.9273

Inverse Universe

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



55.3675, 28.3705, 78.9042



55.8218, 27.1813, 78.4436



53.9356, 47.9907, 9.1118



17.9192, 17.4951, 21.4304



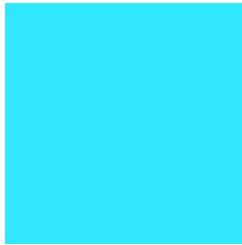
28.2745, 13.7255, 39.7496



2.6384, 1.2791, 3.7854

Previews

White Background



This preview shows how the XYZ color 47.4415, 65.2826, 101.3672 looks on a white background.

Color Contrast Check

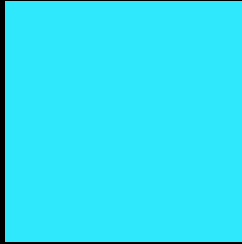
Large Text (above 18pt) WCAG AA × Fail

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 47.4415, 65.2826, 101.3672 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 47.4415, 65.2826, 101.3672

Background



This preview shows how black text looks on a background with the XYZ color 47.4415, 65.2826, 101.3672.

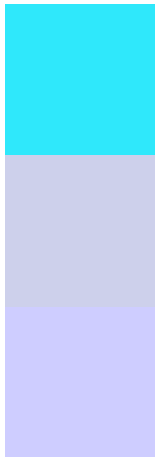


This preview shows how white text looks on a background with the XYZ color 47.4415, 65.2826,

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

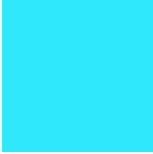
47.4415, 65.2826, 101.3672

Protanopia

62.7281, 64.0890, 87.6616

Deuteranopia

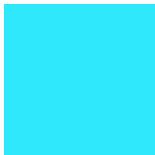
65.3349, 64.0045, 103.5183



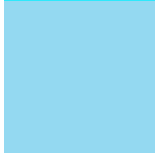
Tritanopia

47.4415, 65.2826, 101.3672

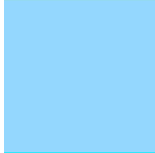
Trichromacy



Original Color
47.4415, 65.2826, 101.3672



Protanomaly
52.9028, 62.2725, 92.4506

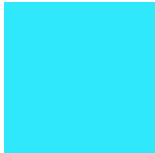


Deuteranomaly
54.4026, 62.0525, 102.8759

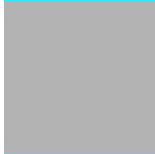


Tritanomaly
47.4415, 65.2826, 101.3672

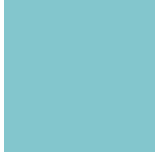
Monochromacy



Original Color
47.4415, 65.2826, 101.3672



Achromatopsia
42.8472, 45.0786, 49.0906



Achromatomaly
40.5736, 49.6212, 65.1970

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.4415, 65.2826, 101.3672 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(47, 232, 251) looks like.

```
.text, #text, p{  
    color:rgb(47, 232, 251)  
}
```

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(47, 232, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(47, 232, 251) }
```

Border

The CSS property to change the border of an element to XYZ 47.4415, 65.2826, 101.3672 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(47, 232, 251) }
```


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

```
.border{ border-color:rgb(47, 232, 251) }
```

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

Here you see how a box with a 4 pixel rgb(47, 232, 251) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(47, 232, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(47, 232, 251);  
box-shadow:4px 4px 4px 4px rgb(47, 232,  
251) }
```

Background

The CSS property to change the background color of an element to XYZ 47.4415, 65.2826, 101.3672 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(47, 232, 251) }
```

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

```
.background{ background-color: rgb(47, 232,  
251) }
```

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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