

Converting Colors

XYZ(52.5755, 76.9236,
104.5465)

Have a look what the booklet for
XYZ(52.5755, 76.9236, 104.5465)
contains.

XYZ(52.3811, 76.6491, 104.1294)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(52.3811, 76.6491,
104.1294)**

Conversions

Conversions Part 1

Format	Color
Hex	00FCFC
RGB	0, 252, 252
RGB Percent	0%, 99%, 99%
CMY	0.9997, 0.0118, 0.0118
CMYK	1.00, 0.00, 0.00, 0.01
HSL	180°, 100%, 49%
HSV	180°, 100%, 99%
XYZ	52.3811, 76.6491, 104.1294
YIQ	176.6520, -150.1920, -53.4240

Conversions

Conversions Part 2

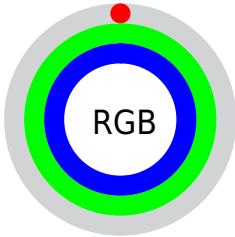
Format	Color
RYB	0, 126, 252
Decimal	64764
CIELab	90.16, -47.65, -14.01
CIELCh	90, 49.668, 196.386
Yxy	76.6491, 0.2247, 0.3287
Android (android.graphics.Color)	4278254844 (0xFF00FCFC)
YUV	176.6520, 37.1466, -154.9238
Hunter-Lab	87.5495, -46.4145, -9.2336

Details

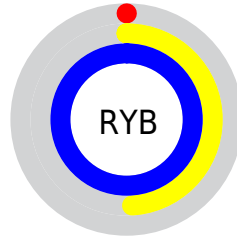
The XYZ color **52.3811, 76.6491, 104.1294** is a light color, and the websafe version is hex **00FFFF**. The color can be described as light saturated cyan. A complement of this color would be **40.1474, 20.6979, 1.8813**, and the grayscale version is **41.4881, 43.6487, 47.5334**.

A 20% lighter version of the original color is **61.6952, 82.8049, 107.3390**, and **29.3654, 42.9703, 58.3761** is the 20% darker color. If you saturate the color by 10%, you get **52.3825, 76.6515, 104.1312**, and if you desaturate by 10%, it is **52.7902, 76.8617, 104.1505**.

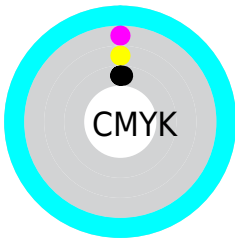
Distribution



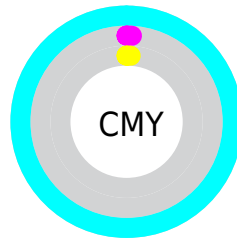
- Red (0%)
- Green (99%)
- Blue (99%)



- Red (0%)
- Yellow (49%)
- Blue (99%)



- Cyan (100%)
- Magenta (0%)
- Yellow (0%)
- Black (1%)





- Cyan (100%)
- Magenta (1%)
- Yellow (1%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.3811, 76.6491, 104.1294 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 52.3811, 76.6491, 104.1294 by changing the saturation by 10% instead.


 52.3811, 76.6491,
104.1294


 52.3811, 76.6491,
104.1294


386.2059,
483.5668, 594.7117


 37.5344, 56.9649,
79.1176


 92.8639, 128.6440,
168.9216

 25.7971, 40.9771,
58.4706


 119.2308,
161.7236, 209.5391

 16.8038, 28.3012,
41.7699


 150.1685,
200.0370, 256.1956

 10.1891, 18.5528,
28.5969

 186.0423,
243.9688, 309.3096

 5.5878, 11.3476,
18.5332

227.2176,
293.9033, 369.2997

 2.6343, 6.3011,
11.1601

274.0597,

 0.9635, 3.0290,

350.2248, 436.5844

6.0591

326.9340,
413.3179, 511.5822

■ 0.0000, 1.1469,
2.8117

■ 0.0000, 0.0177,
0.9993

■ 52.3811, 76.6491,
104.1294

■ 52.3811, 76.6491,
104.1294

■ 52.3825, 76.6515,
104.1312

■ 52.7902, 76.8617,
104.1505

■ 53.7215, 77.3417,
104.1942

■ 55.3374, 78.1748,
104.2700

■ 57.7356, 79.4111,
104.3824

60.9982, 81.0930,
104.5352

65.1967, 83.2574,
104.7319

70.3954, 85.9374,
104.9753

76.6528, 89.1632,
105.2683

84.0229, 92.9627,
105.6134

Harmonies

Analogous

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



52.1430, 76.6491, 68.4660



52.3811, 76.6491, 104.1294



57.6834, 76.6491, 142.9442

Triad

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



52.3811, 76.6491, 104.1294



91.4133, 76.6491, 139.6423



78.5803, 76.6491, 33.3099

Complementary

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



52.3811, 76.6491, 104.1294



40.1474, 20.6979, 1.8813

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.



90.4723, 76.6491, 43.2995



52.3811, 76.6491, 104.1294



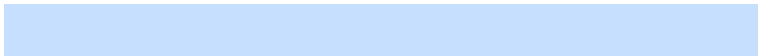
98.4269, 76.6491, 100.4925

Square

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



52.3811, 76.6491, 104.1294



79.7522, 76.6491, 167.0803



98.0643, 76.6491, 65.7208



66.3630, 76.6491, 33.7732

Rectangle

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



52.3811, 76.6491, 104.1294



63.7572, 76.6491, 162.4704



98.0643, 76.6491, 65.7208



82.7745, 76.6491, 35.4013

Sweetspot

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



52.3834, 76.6519, 104.1313



72.2849, 88.2642, 107.8341



34.8654, 69.6508, 11.6085



14.9625, 18.6295, 23.0571



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.



52.3834, 76.6519, 104.1313



53.8097, 78.7399, 106.9683



25.5865, 23.0577, 95.2005



17.7659, 19.6086, 22.2337



27.2857, 39.9273, 54.2414



2.5271, 3.6980, 5.0237

Inverse Universe

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



40.1474, 20.6979, 1.8813



41.2400, 21.2600, 1.9301



47.0866, 34.5762, 4.1943



17.2447, 17.2252, 17.8783



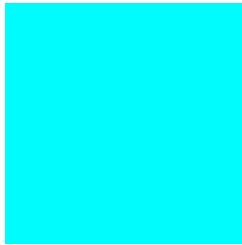
20.9119, 10.7805, 0.9787



1.9368, 0.9985, 0.0907

Previews

White Background



This preview shows how the XYZ color 52.3811, 76.6491, 104.1294 looks on a white background.

Color Contrast Check

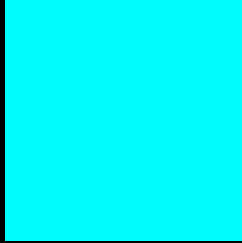
Large Text (above 18pt) WCAG AA × Fail

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 52.3811, 76.6491, 104.1294 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

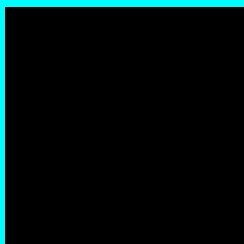
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

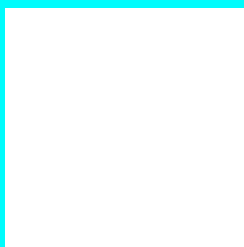
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 52.3811, 76.6491, 104.1294

Background



This preview shows how black text looks on a background with the XYZ color 52.3811, 76.6491, 104.1294.

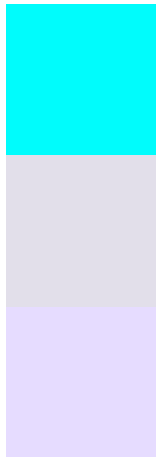


This preview shows how white text looks on a background with the XYZ color 52.3811, 76.6491,

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

52.3811, 76.6491, 104.1294

Protanopia

72.6030, 74.8846, 88.4695

Deuteranopia

76.2763, 75.2294, 105.1083



Tritanopia

60.8330, 75.9702, 106.0652

Trichromacy



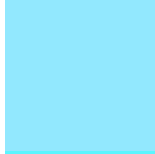
Original Color

52.3811, 76.6491, 104.1294



Protanomaly

56.8016, 71.1258, 93.9540



Deuteranomaly

58.6001, 70.9800, 104.3779



Tritanomaly

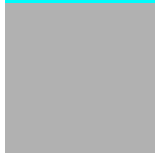
54.8562, 74.6847, 105.2903

Monochromacy



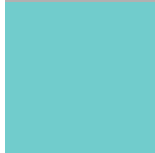
Original Color

52.3811, 76.6491, 104.1294



Achromatopsia

41.7894, 43.9657, 47.8787



Achromatomaly

39.3020, 51.0561, 64.9101

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.3811, 76.6491, 104.1294 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(0, 252, 252)` looks like.

```
.text, #text, p{  
    color:rgb(0, 252, 252)  
}
```

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(0, 252, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 252, 252) }
```

Border

The CSS property to change the border of an element to XYZ 52.3811, 76.6491, 104.1294 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(0, 252, 252) }
```


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

```
.border{ border-color:rgb(0, 252, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 252, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 252, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 252, 252);  
box-shadow:4px 4px 4px 4px rgb(0, 252,  
252) }
```

Background

The CSS property to change the background color of an element to XYZ 52.3811, 76.6491, 104.1294 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 252, 252) }
```

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

```
.background{ background-color: rgb(0, 252,  
252) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor