

Converting Colors

XYZ(51.9811, 74.0175,
106.1549)

Have a look what the booklet for
XYZ(51.9811, 74.0175, 106.1549)
contains.

XYZ(52.0383, 74.1166, 106.1710)	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(52.0383, 74.1166,
106.1710)**

Conversions

Conversions Part 1

Format	Color
Hex	24F7FF
RGB	36, 247, 255
RGB Percent	14%, 97%, 100%
CMY	0.8587, 0.0314, 0.0000
CMYK	0.86, 0.03, 0.00, 0.00
HSL	182°, 100%, 57%
HSV	182°, 86%, 100%
XYZ	52.0383, 74.1166, 106.1710
YIQ	184.8230, -128.3240, -42.2440

Conversions

Conversions Part 2

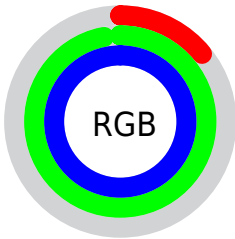
Format	Color
R _Y B	36, 143, 255
Decimal	2422783
CIE Lab	88.98, -43.45, -17.33
CIE LCh	89, 46.779, 201.744
Yxy	74.1166, 0.2240, 0.3190
Android (android.graphics.Color)	4280612863 (0xFF24F7FF)
YUV	184.8230, 34.5973, -130.5178
Hunter-Lab	86.0910, -42.7637, -12.8552

Details

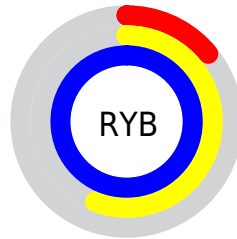
The XYZ color **52.0383, 74.1166, 106.1710** is a light color, and the websafe version is hex **33FFFF**. The color can be described as light washed cyan. A complement of this color would be **42.4604, 23.1906, 3.9095**, and the grayscale version is **45.8858, 48.2755, 52.5720**.

A 20% lighter version of the original color is **62.7121, 83.3292, 107.3866**, and **28.6065, 40.9041, 59.8136** is the 20% darker color. If you saturate the color by 10%, you get **51.1596, 73.2435, 106.0488**, and if you desaturate by 10%, it is **53.5544, 75.3236, 106.3240**.

Distribution



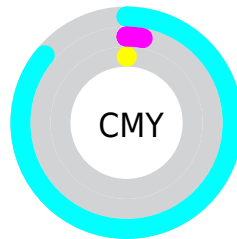
- Red (14%)
- Green (97%)
- Blue (100%)



- Red (14%)
- Yellow (56%)
- Blue (100%)



- Cyan (86%)
- Magenta (3%)
- Yellow (0%)
- Black (0%)



- Cyan (86%)
- Magenta (3%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.0383, 74.1166, 106.1710 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 52.0383, 74.1166, 106.1710 by changing the saturation by 10% instead.

52.0383, 74.1166,
106.1710

52.0383, 74.1166,
106.1710

384.9060,
474.8757, 601.2163

37.2600, 54.8895,
80.8186

92.3616, 125.0611,
171.7376

25.5835, 39.3132,
59.8621

118.6373,
157.5472, 212.7889

16.6433, 27.0035,
42.8829

149.4762,
195.2218, 259.9102

10.0742, 17.5758,
29.4625

185.2437,
238.4693, 313.5201

5.5109, 10.6459,
19.1824

226.3050,
287.6740, 374.0371

2.5878, 5.8293,
11.6240

273.0256,

0.9397, 2.7415,

343.2204, 441.8798

6.3688

325.7708,
405.4928, 517.4667

■ 0.0000, 0.9983,
2.9982

■ 0.0000, 0.0000,
1.0937

■ 52.0383, 74.1166,
106.1710

■ 52.0383, 74.1166,
106.1710

■ 51.1596, 73.2435,
106.0488

■ 53.5544, 75.3236,
106.3240

■ 50.9109, 72.9418,
106.0036

■ 55.8172, 76.9160,
106.5121

■ 58.9219, 78.9446,
106.7401

■ 62.9480, 81.4503,
107.0115

67.9658, 84.4694,
107.3298

74.0390, 88.0346,
107.6979

81.2257, 92.1760,
108.1184

89.5799, 96.9215,
108.5941

95.0500, 100.0000,
108.9000

Harmonies

Analogous

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



50.9605, 74.1166, 72.0448



52.0383, 74.1166, 106.1710



57.7652, 74.1166, 140.4813

Triad

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



52.0383, 74.1166, 106.1710



89.0324, 74.1166, 125.9737



73.6297, 74.1166, 33.2653

Complementary

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



52.0383, 74.1166, 106.1710



42.4604, 23.1906, 3.9095

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.



84.8579, 74.1166, 40.8632



52.0383, 74.1166, 106.1710



94.3549, 74.1166, 90.0229

Square

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



52.0383, 74.1166, 106.1710



78.8535, 74.1166, 153.8886



92.7503, 74.1166, 59.6686



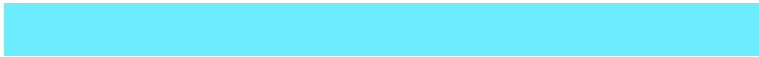
62.6577, 74.1166, 35.4168

Rectangle

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



52.0383, 74.1166, 106.1710



63.8207, 74.1166, 155.9005



92.7503, 74.1166, 59.6686



77.5138, 74.1166, 34.6698

Sweetspot

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



52.0403, 74.1192, 106.1714



73.9544, 87.9854, 107.6928



36.9305, 72.0724, 14.2818



15.3537, 18.5551, 23.0222



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.



52.0403, 74.1192, 106.1714



50.9109, 72.9418, 106.0036



27.8977, 25.8340, 98.1238



18.4947, 20.3609, 23.2052



26.6273, 38.1642, 55.3976



2.6097, 3.7500, 5.3996

Inverse Universe

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



58.6607, 29.2390, 90.5505



57.8267, 27.8947, 89.2743



52.9194, 44.1086, 7.3958



18.7623, 18.2882, 22.6315



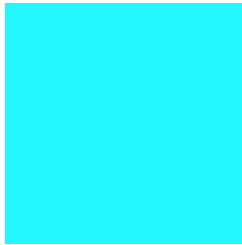
30.2284, 14.5807, 46.7148



2.9518, 1.4231, 4.5938

Previews

White Background



This preview shows how the XYZ color 52.0383, 74.1166, 106.1710 looks on a white background.

Color Contrast Check

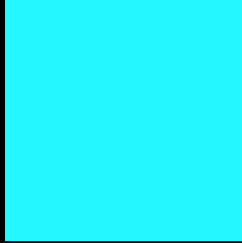
Large Text (above 18pt) WCAG AA × Fail

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 52.0383, 74.1166, 106.1710 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

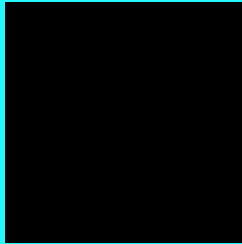
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

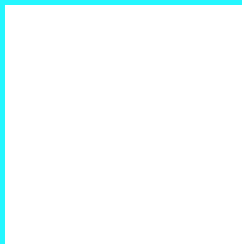
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 52.0383, 74.1166, 106.1710

Background



This preview shows how black text looks on a background with the XYZ color 52.0383, 74.1166, 106.1710.

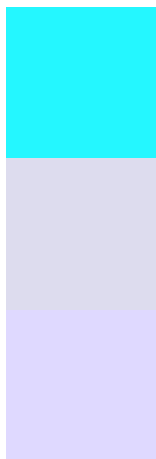


This preview shows how white text looks on a background with the XYZ color 52.0383, 74.1166,

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

52.0383, 74.1166, 106.1710

Protanopia

70.8446, 72.7316, 91.1936

Deuteranopia

73.2943, 72.5337, 104.7451



Tritanopia

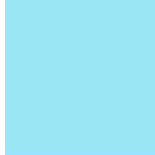
57.6675, 73.9002, 105.8325

Trichromacy



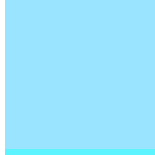
Original Color

52.0383, 74.1166, 106.1710



Protanomaly

57.9524, 69.9953, 96.0440



Deuteranomaly

59.3110, 69.6754, 104.9304



Tritanomaly

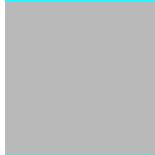
54.6148, 73.6483, 105.9448

Monochromacy



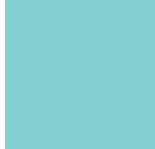
Original Color

52.0383, 74.1166, 106.1710



Achromatopsia

46.1135, 48.5150, 52.8328



Achromatomaly

43.5488, 54.5902, 69.2145

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.0383, 74.1166, 106.1710 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(36, 247, 255)` looks like.

```
.text, #text, p{  
    color:rgb(36, 247, 255)  
}
```

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(36, 247, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(36, 247, 255) }
```

Border

The CSS property to change the border of an element to XYZ 52.0383, 74.1166, 106.1710 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(36, 247, 255) }
```


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

```
.border{ border-color:rgb(36, 247, 255) }
```

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

Here you see how a box with a 4 pixel rgb(36, 247, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(36, 247, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(36, 247, 255);  
box-shadow:4px 4px 4px 4px rgb(36, 247,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 52.0383, 74.1166, 106.1710 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(36, 247, 255) }
```

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

```
.background{ background-color: rgb(36, 247,  
255) }
```

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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