

Converting Colors

XYZ(53.3623, 76.1721,
106.4979)

Have a look what the booklet for
XYZ(53.3623, 76.1721, 106.4979)
contains.

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Color

**XYZ(53.3623, 76.1721,
106.4979)**

Conversions

Conversions Part 1

Format	Color
Hex	2EFAFF
RGB	46, 250, 255
RGB Percent	18%, 98%, 100%
CMY	0.8195, 0.0196, 0.0000
CMYK	0.82, 0.02, 0.00, 0.00
HSL	181°, 100%, 59%
HSV	181°, 82%, 100%
XYZ	53.3623, 76.1721, 106.4979
YIQ	189.5740, -123.1890, -41.6930

Conversions

Conversions Part 2

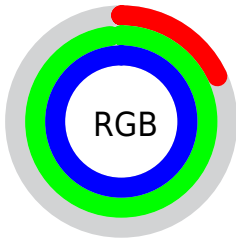
Format	Color
RYB	46, 149, 255
Decimal	3078911
CIELab	89.94, -44.16, -15.88
CIElCh	90, 46.922, 199.775
Yxy	76.1721, 0.2261, 0.3227
Android (android.graphics.Color)	4281268991 (0xFF2EFAFF)
YUV	189.5740, 32.2550, -125.9144
Hunter-Lab	87.2766, -43.5964, -11.2540

Details

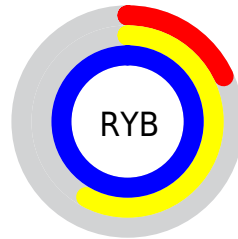
The XYZ color **53.3623, 76.1721, 106.4979** is a light color, and the websafe version is hex **33FFFF**. The color can be described as light washed cyan. A complement of this color would be **42.9181, 23.8265, 4.9238**, and the grayscale version is **48.5742, 51.1039, 55.6521**.

A 20% lighter version of the original color is **63.3257, 83.6455, 107.4153**, and **29.2630, 42.2171, 60.0325** is the 20% darker color. If you saturate the color by 10%, you get **52.3468, 75.3695, 106.3965**, and if you desaturate by 10%, it is **55.0633, 77.3324, 106.6322**.

Distribution



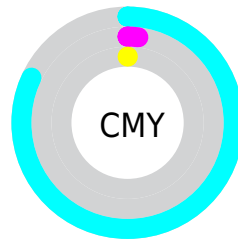
- Red (18%)
- Green (98%)
- Blue (100%)



- Red (18%)
- Yellow (58%)
- Blue (100%)



- Cyan (82%)
- Magenta (2%)
- Yellow (0%)
- Black (0%)




- Cyan (82%)
- Magenta (2%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.3623, 76.1721, 106.4979 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 53.3623, 76.1721, 106.4979 by changing the saturation by 10% instead.


 53.3623, 76.1721,
106.4979


 53.3623, 76.1721,
106.4979


389.9117,
481.9366, 602.2544


 38.3207, 56.5736,
81.0912


 94.2997, 127.9702,
172.1880


 26.4100, 40.6630,
60.0852


 120.9262,
160.9385, 213.3084

 17.2649, 28.0559,
43.0616

 152.1450,
199.1323, 260.5038

 10.5200, 18.3678,
29.6017

 188.3215,
242.9360, 314.1927

 5.8100, 11.2144,
19.2870

229.8211,
292.7338, 374.7937

 2.7694, 6.2112,
11.6989

277.0091,

 1.0330, 2.9739,

348.9103, 442.7253

6.4190

330.2508,
411.8498, 518.4060

■ 0.0000, 1.1181,
3.0286

■ 0.0000, 0.0000,
1.1093

■ 53.3623, 76.1721,
106.4979

■ 53.3623, 76.1721,
106.4979

■ 52.3468, 75.3695,
106.3965

■ 55.0633, 77.3324,
106.6322

■ 51.8958, 74.9117,
106.3319

■ 57.5488, 78.8963,
106.8031

■ 60.9077, 80.9114,
107.0150

■ 65.2158, 83.4167,
107.2715

70.5405, 86.4470,
107.5758

76.9430, 90.0339,
107.9307

84.4798, 94.2064,
108.3388

93.2035, 98.9917,
108.8027

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.



52.5814, 76.1721, 72.1015



53.3623, 76.1721, 106.4979



58.9215, 76.1721, 141.9394

Triad

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



53.3623, 76.1721, 106.4979



90.8117, 76.1721, 131.4433



76.4339, 76.1721, 34.5976

Complementary

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



53.3623, 76.1721, 106.4979



42.9181, 23.8265, 4.9238

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.



87.7900, 76.1721, 43.0820



53.3623, 76.1721, 106.4979



96.6594, 76.1721, 94.8102

Square

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



53.3623, 76.1721, 106.4979



80.2158, 76.1721, 158.8002



95.4980, 76.1721, 63.1381



65.1078, 76.1721, 36.1581

Rectangle

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



53.3623, 76.1721, 106.4979



64.9544, 76.1721, 158.5355



95.4980, 76.1721, 63.1381



80.3923, 76.1721, 36.2569

Sweetspot

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



53.3644, 76.1748, 106.4984



74.8745, 88.8802, 107.8170



37.4527, 72.3273, 14.9483



15.5432, 18.7535, 23.0505



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.



53.3644, 76.1748, 106.4984



51.9974, 75.0200, 106.3475



29.6155, 28.6771, 98.5821



18.5154, 20.4025, 23.2122



27.1335, 39.1766, 55.5663



2.6532, 3.8372, 5.4141

Inverse Universe

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



59.4737, 30.1179, 93.1243



58.3982, 28.2119, 92.0108



53.2880, 44.5663, 8.3804



18.7728, 18.2924, 22.6868



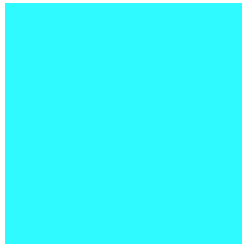
30.4839, 14.6829, 48.0603



2.9738, 1.4319, 4.7096

Previews

White Background



This preview shows how the XYZ color 53.3623, 76.1721, 106.4979 looks on a white background.

Color Contrast Check

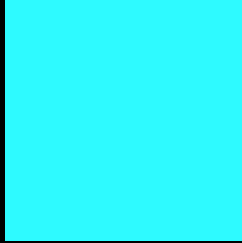
Large Text (above 18pt) WCAG AA × Fail

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 53.3623, 76.1721, 106.4979 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

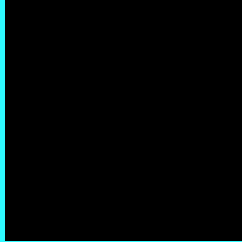
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

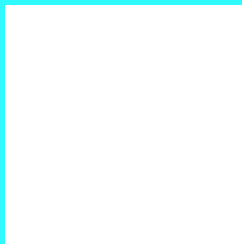
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 53.3623, 76.1721, 106.4979

Background



This preview shows how black text looks on a background with the XYZ color 53.3623, 76.1721, 106.4979.

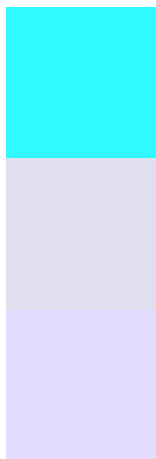


This preview shows how white text looks on a background with the XYZ color 53.3623, 76.1721,

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

53.3623, 76.1721, 106.4979

Protanopia

72.5608, 74.7957, 91.5016

Deuteranopia

75.3218, 74.7373, 105.0636



Tritanopia

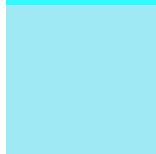
60.3205, 75.7060, 106.0412

Trichromacy



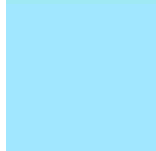
Original Color

53.3623, 76.1721, 106.4979



Protanomaly

59.7661, 72.1804, 96.3702



Deuteranomaly

61.3239, 71.9489, 105.2632



Tritanomaly

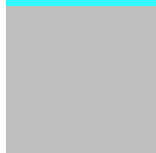
56.3445, 74.9855, 106.1117

Monochromacy



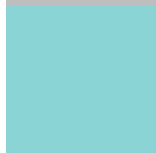
Original Color

53.3623, 76.1721, 106.4979



Achromatopsia

48.9429, 51.4918, 56.0745



Achromatomaly

46.1623, 57.3453, 72.2541

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.3623, 76.1721, 106.4979 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(46, 250, 255)` looks like.

```
.text, #text, p{  
    color:rgb(46, 250, 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(46, 250, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(46, 250, 255) }
```

Border

The CSS property to change the border of an element to XYZ 53.3623, 76.1721, 106.4979 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(46, 250, 255) }
```


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

```
.border{ border-color:rgb(46, 250, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(46, 250, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(46, 250, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(46, 250, 255);  
box-shadow:4px 4px 4px 4px rgb(46, 250,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 53.3623, 76.1721, 106.4979 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(46, 250, 255) }
```

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

```
.background{ background-color: rgb(46, 250,  
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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