

Converting Colors

XYZ(52.3967, 74.1641,
105.5908)

Have a look what the booklet for
XYZ(52.3967, 74.1641, 105.5908)
contains.

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Color

**XYZ(52.4655, 74.3554,
105.3527)**

Conversions

Conversions Part 1

Format	Color
Hex	32F7FE
RGB	50, 247, 254
RGB Percent	20%, 97%, 100%
CMY	0.8039, 0.0314, 0.0039
CMYK	0.80, 0.03, 0.00, 0.00
HSL	182°, 99%, 60%
HSV	182°, 80%, 100%
XYZ	52.4655, 74.3554, 105.3527
YIQ	188.8950, -119.6590, -39.5870

Conversions

Conversions Part 2

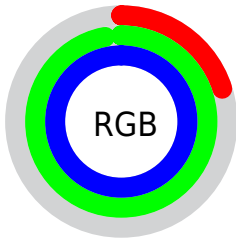
Format	Color
R _{YB}	50, 150, 254
Decimal	3340286
CIE _{Lab}	89.09, -42.82, -16.62
CIE _{LCh}	89, 45.934, 201.219
Yxy	74.3554, 0.2260, 0.3203
Android (android.graphics.Color)	4281530366 (0xFF32F7FE)
YUV	188.8950, 32.0968, -121.8109
Hunter-Lab	86.2296, -42.2953, -12.0780

Details

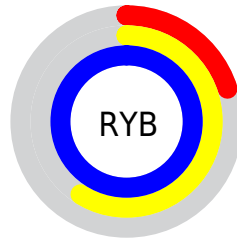
The XYZ color **52.4655, 74.3554, 105.3527** is a light color, and the websafe version is hex **33FFFF**. The color can be described as light washed cyan. A complement of this color would be **42.9136, 24.2294, 5.4346**, and the grayscale version is **48.1850, 50.6944, 55.2062**.

A 20% lighter version of the original color is **63.4829, 83.7265, 107.4227**, and **28.4915, 40.8581, 59.2081** is the 20% darker color. If you saturate the color by 10%, you get **51.2772, 73.3497, 105.2226**, and if you desaturate by 10%, it is **54.3531, 75.7266, 105.5193**.

Distribution



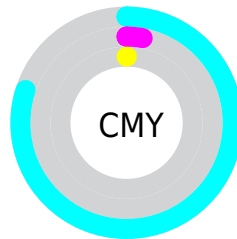
- Red (20%)
- Green (97%)
- Blue (100%)



- Red (20%)
- Yellow (59%)
- Blue (100%)



- Cyan (80%)
- Magenta (3%)
- Yellow (0%)
- Black (0%)





- Cyan (80%)
- Magenta (3%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.4655, 74.3554, 105.3527 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 52.4655, 74.3554, 105.3527 by changing the saturation by 10% instead.


 52.4655, 74.3554,
105.3527


 52.4655, 74.3554,
105.3527


386.5256,
475.6991, 598.6136


 37.6020, 55.0850,
80.1366


 92.9876, 125.3995,
170.6096


 25.8498, 39.4698,
59.3039


 119.3768,
157.9419, 211.4874

 16.8434, 27.1254,
42.4362

 150.3388,
195.6772, 258.4228

 10.2175, 17.6674,
29.1149

 186.2387,
238.9896, 311.8345

 5.6068, 10.7115,
18.9214

227.4420,
288.2636, 372.1408

 2.6458, 5.8732,
11.4373

274.3140,

 0.9694, 2.7681,

343.8836, 439.7604

6.2439

327.2201,
406.2339, 515.1118

■ 0.0000, 1.0119,
2.9228

■ 0.0000, 0.0000,
1.0553

■ 52.4655, 74.3554,
105.3527

■ 52.4655, 74.3554,
105.3527

■ 51.2772, 73.3497,
105.2226

■ 54.3531, 75.7266,
105.5193

■ 50.6292, 72.6349,
105.1188

■ 57.0335, 77.5068,
105.7216

■ 60.5930, 79.7420,
105.9654

■ 65.1050, 82.4701,
106.2542

70.6353, 85.7250,
106.5910

77.2435, 89.5375,
106.9786

84.9850, 93.9361,
107.4196

93.9112, 98.9472,
107.9163

94.8406, 99.8377,
108.0393

Harmonies

Analogous

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



51.4833, 74.3554, 71.9196



52.4655, 74.3554, 105.3527



58.0436, 74.3554, 139.0696

Triad

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



52.4655, 74.3554, 105.3527



88.7921, 74.3554, 125.9744



74.0058, 74.3554, 34.0816

Complementary

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



52.4655, 74.3554, 105.3527



42.9136, 24.2294, 5.4346

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.



85.0122, 74.3554, 41.8224



52.4655, 74.3554, 105.3527



94.1205, 74.3554, 90.7288

Square

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



52.4655, 74.3554, 105.3527



78.7430, 74.3554, 152.9922



92.6688, 74.3554, 60.6575



63.1734, 74.3554, 36.0579

Rectangle

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



52.4655, 74.3554, 105.3527



63.9742, 74.3554, 154.3656



92.6688, 74.3554, 60.6575



77.8229, 74.3554, 35.5380

Sweetspot

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



52.4678, 74.3582, 105.3545



75.3407, 88.8506, 107.7867



37.4926, 71.8568, 15.7407



15.6216, 18.7264, 23.0412



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.



52.4678, 74.3582, 105.3545



51.3168, 73.5640, 106.1023



29.3635, 28.1495, 97.6531



18.4983, 20.3682, 23.2064



26.7155, 38.3405, 55.4270



2.6173, 3.7652, 5.4021

Inverse Universe

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



58.8041, 30.0695, 90.7033



58.0778, 28.1723, 90.0506



53.8151, 46.0322, 9.0684



18.7642, 18.2890, 22.6412



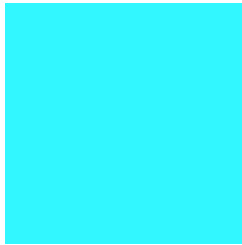
30.2729, 14.5985, 46.9491



2.9557, 1.4246, 4.6140

Previews

White Background



This preview shows how the XYZ color 52.4655, 74.3554, 105.3527 looks on a white background.

Color Contrast Check

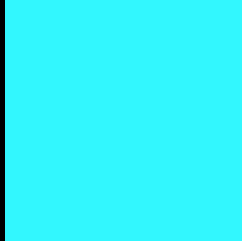
Large Text (above 18pt) WCAG AA × Fail

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 52.4655, 74.3554, 105.3527 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

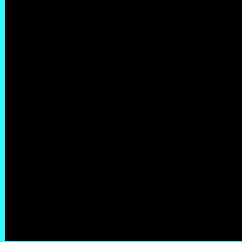
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.4655, 74.3554, 105.3527

Background



This preview shows how black text looks on a background with the XYZ color 52.4655, 74.3554, 105.3527.

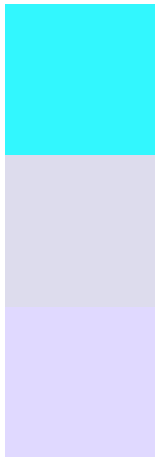


This preview shows how white text looks on a background with the XYZ color 52.4655, 74.3554,

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

52.4655, 74.3554, 105.3527

Protanopia

70.6981, 72.6730, 90.4219

Deuteranopia

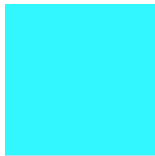
73.6033, 72.6930, 104.7596



Tritanopia

58.1122, 74.1294, 105.8533

Trichromacy



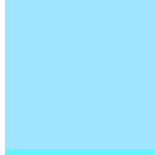
Original Color

52.4655, 74.3554, 105.3527



Protanomaly

58.7726, 70.4356, 95.2918



Deuteranomaly

60.4913, 70.2839, 104.9857



Tritanomaly

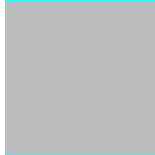
55.3561, 74.0305, 105.9795

Monochromacy



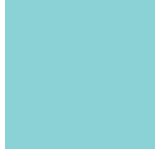
Original Color

52.4655, 74.3554, 105.3527



Achromatopsia

48.3692, 50.8881, 55.4172



Achromatomaly

45.5381, 56.3006, 71.4178

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.4655, 74.3554, 105.3527 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(50, 247, 254)` looks like.

```
.text, #text, p{  
    color:rgb(50, 247, 254)  
}
```

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(50, 247, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(50, 247, 254) }
```

Border

The CSS property to change the border of an element to XYZ 52.4655, 74.3554, 105.3527 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(50, 247, 254) }
```


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

```
.border{ border-color:rgb(50, 247, 254) }
```

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

Here you see how a box with a 4 pixel rgb(50, 247, 254) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(50, 247, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(50, 247, 254);  
box-shadow:4px 4px 4px 4px rgb(50, 247,  
254) }
```

Background

The CSS property to change the background color of an element to XYZ 52.4655, 74.3554, 105.3527 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(50, 247, 254) }
```

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

```
.background{ background-color: rgb(50, 247,  
254) }
```

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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