

Converting Colors

XYZ(53.1977, 66.4077,
101.2811)

Have a look what the booklet for
XYZ(53.1977, 66.4077, 101.2811)
contains.

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Color

**XYZ(53.3244, 66.6628,
101.3235)**

Conversions

Conversions Part 1

Format	Color
Hex	7BE4FB
RGB	123, 228, 251
RGB Percent	48%, 89%, 98%
CMY	0.5176, 0.1059, 0.0157
CMYK	0.51, 0.09, 0.00, 0.02
HSL	191°, 94%, 73%
HSV	191°, 51%, 98%
XYZ	53.3244, 66.6628, 101.3235
YIQ	199.2270, -69.9630, -15.1070

Conversions

Conversions Part 2

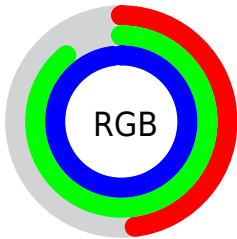
Format	Color
R _Y B	123, 181, 251
Decimal	8119547
CIE Lab	85.33, -24.40, -20.55
CIE LCh	85, 31.899, 220.101
Yxy	66.6628, 0.2409, 0.3012
Android (android.graphics.Color)	4286309627 (0xFF7BE4FB)
YUV	199.2270, 25.5241, -66.8511
Hunter-Lab	81.6473, -26.3032, -16.4252

Details

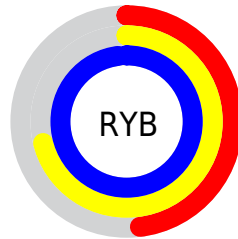
The XYZ color **53.3244, 66.6628, 101.3235** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **53.6392, 42.4987, 24.1169**, and the grayscale version is **54.3063, 57.1345, 62.2194**.

A 20% lighter version of the original color is **73.3384, 88.8073, 107.8839**, and **26.2938, 34.3299, 56.2794** is the 20% darker color. If you saturate the color by 10%, you get **48.9595, 62.5961, 100.7698**, and if you desaturate by 10%, it is **58.6462, 71.2737, 101.9342**.

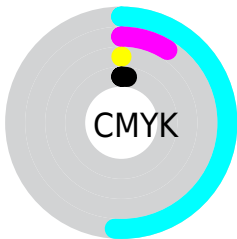
Distribution



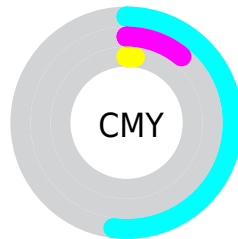
- Red (48%)
- Green (89%)
- Blue (98%)



- Red (48%)
- Yellow (71%)
- Blue (98%)



- Cyan (51%)
- Magenta (9%)
- Yellow (0%)
- Black (2%)



- Cyan (52%)
- Magenta (11%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.3244, 66.6628, 101.3235 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 53.3244, 66.6628, 101.3235 by changing the saturation by 10% instead.

53.3244, 66.6628,
101.3235

53.3244, 66.6628,
101.3235

389.7690,
448.7436, 585.7105

38.2903, 48.8106,
76.7833

94.2443, 114.4371,
165.0425

26.3863, 34.4693,
56.5645

120.8608,
145.1280, 205.0584

17.2471, 23.2544,
40.2487

152.0688,
180.8674, 251.0698

10.5072, 14.7814,
27.4172

188.2337,
222.0395, 303.4955

5.8014, 8.6661,
17.6516

229.7208,
269.0287, 362.7538

2.7642, 4.5241,
10.5333

276.8954,

1.0303, 1.9708,

322.2196, 429.2634

5.6438

330.1231,
381.9964, 503.4428

■ 0.0000, 0.5904,
2.5644

■ 0.0000, 0.0000,
0.8740

■ 53.3244, 66.6628,
101.3235

■ 53.3244, 66.6628,
101.3235

■ 48.9595, 62.5961,
100.7698

■ 58.6462, 71.2737,
101.9342

■ 45.4731, 59.0286,
100.2650

■ 64.9831, 76.4549,
102.6003

■ 42.7846, 55.9197,
99.8066

■ 72.3959, 82.2395,
103.3261

■ 40.7949, 53.2180,
99.3900

■ 80.9387, 88.6557,
104.1143

■ 39.4606, 51.0606,
99.0439

■ 90.6620, 95.7299,
104.9673

■ 94.4128, 99.7451,
105.5446

Harmonies

Analogous

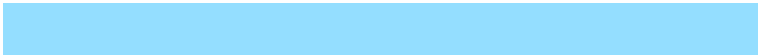
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



50.6530, 66.6628, 79.7826



53.3244, 66.6628, 101.3235



58.7524, 66.6628, 116.7536

Triad

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



53.3244, 66.6628, 101.3235



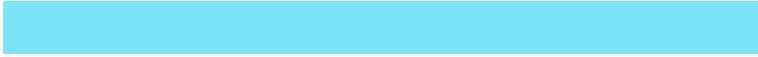
77.3313, 66.6628, 86.9752



60.9574, 66.6628, 40.0571

Complementary

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



53.3244, 66.6628, 101.3235



53.6392, 42.4987, 24.1169

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.



68.2045, 66.6628, 41.2514



53.3244, 66.6628, 101.3235



78.0343, 66.6628, 65.8328

Square

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



53.3244, 66.6628, 101.3235



72.7302, 66.6628, 107.4407



74.5840, 66.6628, 49.8690



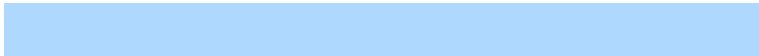
54.8331, 66.6628, 46.2227

Rectangle

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



53.3244, 66.6628, 101.3235



63.3854, 66.6628, 120.0429



74.5840, 66.6628, 49.8690



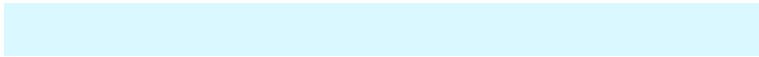
63.3366, 66.6628, 39.6440

Sweetspot

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



53.3265, 66.6653, 101.3251



80.1976, 89.1466, 107.5879



47.7269, 75.2307, 38.5270



16.7662, 18.7809, 22.9914



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.



53.3265, 66.6653, 101.3251



50.7280, 64.8642, 104.4541



39.1586, 38.3296, 96.6025



17.4850, 19.0469, 22.1401



20.8400, 27.0356, 52.0936



1.9970, 2.6377, 4.8471

Inverse Universe

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



60.8720, 40.2786, 77.9677



59.6168, 35.8181, 76.4815



65.9977, 67.2157, 28.2364



17.8514, 17.4679, 21.0730



26.8111, 13.1402, 32.0433



2.5169, 1.2305, 3.1456

Previews

White Background



This preview shows how the XYZ color 53.3244, 66.6628, 101.3235 looks on a white background.

Color Contrast Check

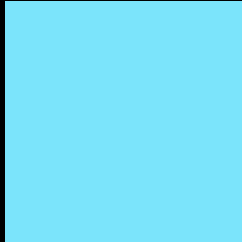
Large Text (above 18pt) WCAG AA × Fail

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 53.3244, 66.6628, 101.3235 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

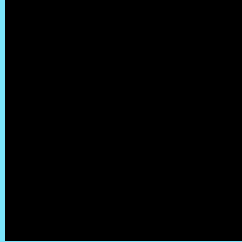
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.3244, 66.6628, 101.3235

Background



This preview shows how black text looks on a background with the XYZ color 53.3244, 66.6628, 101.3235.

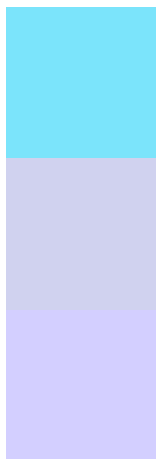


This preview shows how white text looks on a background with the XYZ color 53.3244, 66.6628,

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

53.3244, 66.6628, 101.3235

Protanopia

64.6390, 65.7351, 90.9427

Deuteranopia

67.2268, 65.6945, 103.7448



Tritanopia

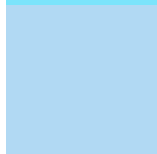
52.8339, 66.8916, 98.1224

Trichromacy



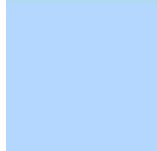
Original Color

53.3244, 66.6628, 101.3235



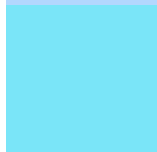
Protanomaly

59.1220, 65.4439, 94.3099



Deuteranomaly

60.7802, 65.3403, 103.1744



Tritanomaly

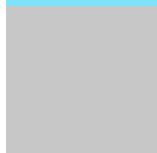
52.9886, 66.9535, 98.9375

Monochromacy



Original Color

53.3244, 66.6628, 101.3235



Achromatopsia

54.2854, 57.1125, 62.1955



Achromatomaly

52.4961, 59.8131, 75.1079

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.3244, 66.6628, 101.3235 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(123, 228, 251)` looks like.

```
.text, #text, p{  
    color:rgb(123, 228, 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(123, 228, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 228, 251) }
```

Border

The CSS property to change the border of an element to XYZ 53.3244, 66.6628, 101.3235 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(123, 228, 251) }
```


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

```
.border{ border-color:rgb(123, 228, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 228, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 228, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 228, 251);  
box-shadow:4px 4px 4px 4px rgb(123, 228,  
251) }
```

Background

The CSS property to change the background color of an element to XYZ 53.3244, 66.6628, 101.3235 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 228, 251) }
```

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

```
.background{ background-color: rgb(123,  
228, 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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