

Converting Colors

XYZ(51.2092, 72.1881,
105.8424)

Have a look what the booklet for
XYZ(51.2092, 72.1881, 105.8424)
contains.

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Color

**XYZ(51.3151, 72.3928,
105.8764)**

Conversions

Conversions Part 1

Format	Color
Hex	29F4FF
RGB	41, 244, 255
RGB Percent	16%, 96%, 100%
CMY	0.8391, 0.0431, 0.0000
CMYK	0.84, 0.04, 0.00, 0.00
HSL	183°, 100%, 58%
HSV	183°, 84%, 100%
XYZ	51.3151, 72.3928, 105.8764
YIQ	184.5570, -124.5190, -39.6150

Conversions

Conversions Part 2

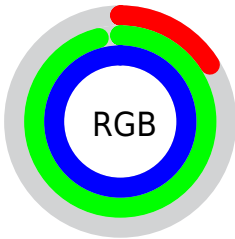
Format	Color
R _Y B	41, 145, 255
Decimal	2749695
CIE Lab	88.16, -41.82, -18.56
CIE LCh	88, 45.752, 203.933
Yxy	72.3928, 0.2235, 0.3153
Android (android.graphics.Color)	4280939775 (0xFF29F4FF)
YUV	184.5570, 34.7284, -125.8995
Hunter-Lab	85.0840, -41.2416, -14.2203

Details

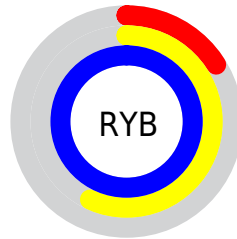
The XYZ color **51.3151, 72.3928, 105.8764** is a light color, and the websafe version is hex **33FFFF**. The color can be described as light washed cyan. A complement of this color would be **42.8694, 23.8779, 4.4493**, and the grayscale version is **45.7356, 48.1174, 52.3998**.

A 20% lighter version of the original color is **62.8633, 83.4071, 107.3937**, and **27.9634, 39.6179, 59.5993** is the 20% darker color. If you saturate the color by 10%, you get **50.2144, 71.2436, 105.7126**, and if you desaturate by 10%, it is **53.0796, 73.8914, 106.0726**.

Distribution



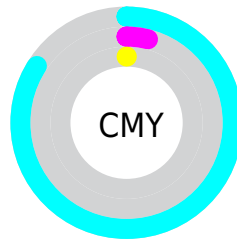
- Red (16%)
- Green (96%)
- Blue (100%)



- Red (16%)
- Yellow (57%)
- Blue (100%)



- Cyan (84%)
- Magenta (4%)
- Yellow (0%)
- Black (0%)





- Cyan (84%)
- Magenta (4%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 51.3151, 72.3928, 105.8764 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 51.3151, 72.3928, 105.8764 by changing the saturation by 10% instead.


 51.3151, 72.3928,
105.8764


 51.3151, 72.3928,
105.8764


382.1543,
468.9076, 600.2800


 36.6815, 53.4796,
80.5730


 91.3006, 122.6148,
171.3316


 25.1335, 38.1858,
59.6611


 117.3832,
154.6924, 212.3205

 16.3058, 26.1269,
42.7220


 148.0129,
191.9270, 259.3749

 9.8330, 16.9186,
29.3373

 183.5549,
234.7029, 312.9135

 5.3498, 10.1765,
19.0883

224.3747,
283.4045, 373.3548

 2.4908, 5.5161,
11.5567

270.8377,

 0.8906, 2.5532,

338.4162, 441.1173

6.3237

323.3091,
400.1225, 516.6195

■ 0.0000, 0.9032,
2.9709

■ 0.0000, 0.0000,
1.0798

■ 51.3151, 72.3928,
105.8764

■ 51.3151, 72.3928,
105.8764

■ 50.2144, 71.2436,
105.7126

■ 53.0796, 73.8914,
106.0726

■ 49.7710, 70.6620,
105.6237

■ 55.6119, 75.7885,
106.3053

■ 59.0039, 78.1330,
106.5791

■ 63.3331, 80.9648,
106.8975

68.6684, 84.3194,
107.2638

75.0722, 88.2291,
107.6809

82.6019, 92.7234,
108.1516

91.3105, 97.8297,
108.6782

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.



49.9371, 72.3928, 72.6260



51.3151, 72.3928, 105.8764



57.1508, 72.3928, 138.2395

Triad

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



51.3151, 72.3928, 105.8764



87.2505, 72.3928, 119.8780



71.0545, 72.3928, 32.8107

Complementary

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



51.3151, 72.3928, 105.8764



42.8694, 23.8779, 4.4493

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.



81.9497, 72.3928, 39.4654



51.3151, 72.3928, 105.8764



91.9169, 72.3928, 85.3638

Square

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



51.3151, 72.3928, 105.8764



77.6986, 72.3928, 147.7078



89.8812, 72.3928, 56.8224



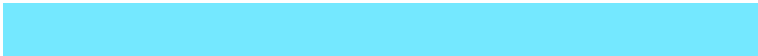
60.6214, 72.3928, 35.5851

Rectangle

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



51.3151, 72.3928, 105.8764



63.1479, 72.3928, 152.0461



89.8812, 72.3928, 56.8224



74.7949, 72.3928, 33.9474

Sweetspot

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



51.3171, 72.3954, 105.8768



74.3225, 87.7763, 107.6330



37.2889, 72.2373, 15.1938



15.4087, 18.4845, 23.0057



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.



51.3171, 72.3954, 105.8768



49.7710, 70.6620, 105.6237



27.9554, 25.6721, 98.0895



18.4702, 20.3120, 23.1971



26.0412, 36.9920, 55.2022



2.5591, 3.6489, 5.3827

Inverse Universe

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



58.3634, 29.3793, 88.1854



57.2513, 27.6645, 86.2443



53.9889, 46.1169, 8.1558



18.7500, 18.2833, 22.5665



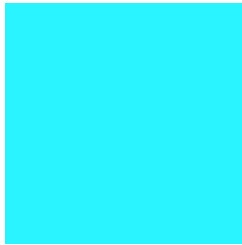
29.9326, 14.4623, 45.1571



2.9263, 1.4129, 4.4594

Previews

White Background



This preview shows how the XYZ color 51.3151, 72.3928, 105.8764 looks on a white background.

Color Contrast Check

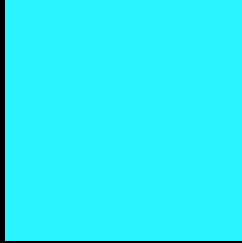
Large Text (above 18pt) WCAG AA × Fail

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 51.3151, 72.3928, 105.8764 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 51.3151, 72.3928, 105.8764

Background



This preview shows how black text looks on a background with the XYZ color 51.3151, 72.3928, 105.8764.

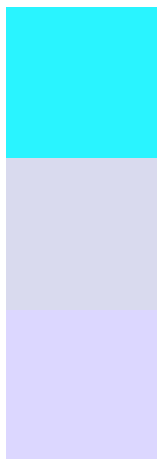


This preview shows how white text looks on a background with the XYZ color 51.3151, 72.3928,

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

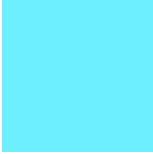
51.3151, 72.3928, 105.8764

Protanopia

69.1193, 71.0676, 90.9634

Deuteranopia

71.8656, 71.0365, 104.5314



Tritanopia

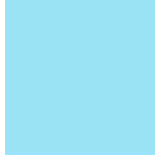
55.3469, 72.2680, 105.6398

Trichromacy



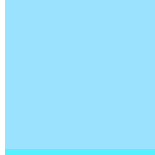
Original Color

51.3151, 72.3928, 105.8764



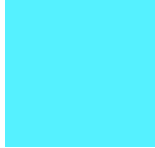
Protanomaly

56.9351, 68.2421, 95.7592



Deuteranomaly

58.7639, 68.5813, 104.7481



Tritanomaly

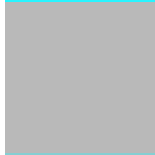
53.2516, 72.0619, 105.7104

Monochromacy



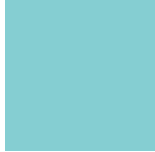
Original Color

51.3151, 72.3928, 105.8764



Achromatopsia

46.1135, 48.5150, 52.8328



Achromatomaly

43.3770, 53.7823, 69.0676

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.3151, 72.3928, 105.8764 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(41, 244, 255)` looks like.

```
.text, #text, p{  
    color:rgb(41, 244, 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(41, 244, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(41, 244, 255) }
```

Border

The CSS property to change the border of an element to XYZ 51.3151, 72.3928, 105.8764 is called "border". The border property can be set on classes, ids or directly on the HTML element.

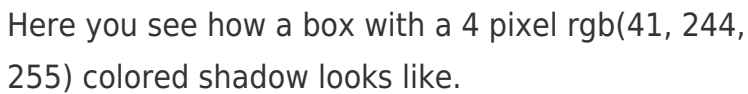
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(41, 244, 255) }
```


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

```
.border{ border-color:rgb(41, 244, 255) }
```

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



Here you see how a box with a 4 pixel `rgb(41, 244, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(41, 244, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(41, 244, 255); box-shadow:4px 4px 4px 4px rgb(41, 244, 255) }
```

Background

The CSS property to change the background color of an element to XYZ 51.3151, 72.3928, 105.8764 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(41, 244, 255) }
```

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

```
.background{ background-color: rgb(41, 244,  
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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