

Converting Colors

XYZ(82.3085, 86.5111,
265.6950)

Have a look what the booklet for
XYZ(82.3085, 86.5111, 265.6950)
contains.

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Color

**XYZ(52.1528, 74.6308,
106.2642)**

Conversions

Conversions Part 1

Format	Color
Hex	1EF8FF
RGB	30, 248, 255
RGB Percent	12%, 97%, 100%
CMY	0.8822, 0.0274, 0.0000
CMYK	0.88, 0.03, 0.00, 0.00
HSL	182°, 100%, 56%
HSV	182°, 88%, 100%
XYZ	52.1528, 74.6308, 106.2642
YIQ	183.6160, -132.1750, -44.0390

Conversions

Conversions Part 2

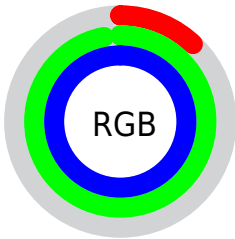
Format	Color
R _Y B	30, 141, 255
Decimal	2029823
CIE Lab	89.22, -44.19, -16.97
CIE LCh	89, 47.341, 201.006
Yxy	74.6308, 0.2238, 0.3202
Android (android.graphics.Color)	4280219903 (0xFF1EF8FF)
YUV	183.6160, 35.1923, -134.7212
Hunter-Lab	86.3891, -43.4212, -12.4581

Details

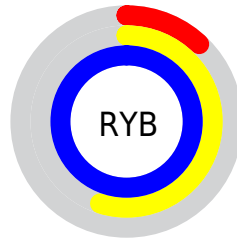
The XYZ color **52.1528, 74.6308, 106.2642** is a light color, and the websafe version is hex **33FFFF**. The color can be described as light washed cyan. A complement of this color would be **42.1372, 22.6788, 3.3870**, and the grayscale version is **45.2187, 47.5736, 51.8076**.

A 20% lighter version of the original color is **62.4142, 83.1756, 107.3727**, and **28.8238, 41.3388, 59.8861** is the 20% darker color. If you saturate the color by 10%, you get **51.4319, 73.8996, 106.1610**, and if you desaturate by 10%, it is **53.4677, 75.6730, 106.3960**.

Distribution



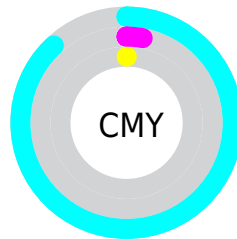
- Red (12%)
- Green (97%)
- Blue (100%)



- Red (12%)
- Yellow (55%)
- Blue (100%)



- Cyan (88%)
- Magenta (3%)
- Yellow (0%)
- Black (0%)





- Cyan (88%)
- Magenta (3%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.1528, 74.6308, 106.2642 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 52.1528, 74.6308, 106.2642 by changing the saturation by 10% instead.


 52.1528, 74.6308,
106.2642


 52.1528, 74.6308,
106.2642


385.3405,
476.6476, 601.5123


 37.3516, 55.3105,
80.8963


 92.5294, 125.7896,
171.8660


 25.6548, 39.6504,
59.9257


 118.8356,
158.3969, 212.9370

 16.6969, 27.2660,
42.9338


 149.7076,
196.2019, 260.0795

 10.1126, 17.7731,
29.5022

 185.5106,
239.5892, 313.7119

 5.5365, 10.7872,
19.2122

226.6100,
288.9429, 374.2529

 2.6033, 5.9239,
11.6454

273.3712,

 0.9476, 2.7989,

344.6477, 442.1209

6.3831

326.1596,
407.0878, 517.7345

■ 0.0000, 1.0277,
3.0069

■ 0.0000, 0.0000,
1.0981

■ 52.1528, 74.6308,
106.2642

■ 52.1528, 74.6308,
106.2642

■ 51.4319, 73.8996,
106.1610

■ 53.4677, 75.6730,
106.3960

■ 51.3320, 73.7840,
106.1440

■ 55.5043, 77.0872,
106.5617

■ 58.3619, 78.9261,
106.7660

■ 62.1228, 81.2323,
107.0129

66.8592, 84.0429,
107.3058

72.6362, 87.3914,
107.6476

79.5130, 91.3085,
108.0413

87.5445, 95.8225,
108.4892

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.



51.1789, 74.6308, 71.7155



52.1528, 74.6308, 106.2642



57.8552, 74.6308, 141.4092

Triad

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



52.1528, 74.6308, 106.2642



89.6369, 74.6308, 128.2223



74.4638, 74.6308, 33.2304

Complementary

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



52.1528, 74.6308, 106.2642



42.1372, 22.6788, 3.3870

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.



85.8496, 74.6308, 41.1672



52.1528, 74.6308, 106.2642



95.2137, 74.6308, 91.6164

Square

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



52.1528, 74.6308, 106.2642



79.1986, 74.6308, 156.2907



93.7572, 74.6308, 60.5227



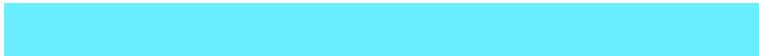
63.2660, 74.6308, 35.1651

Rectangle

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



52.1528, 74.6308, 106.2642



63.9476, 74.6308, 157.4755



93.7572, 74.6308, 60.5227



78.4123, 74.6308, 34.7297

Sweetspot

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



52.1548, 74.6334, 106.2646



74.0676, 88.2120, 107.7306



36.5819, 71.9107, 13.4490



15.3811, 18.6099, 23.0314



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.



52.1548, 74.6334, 106.2646



51.3320, 73.7840, 106.1440



27.7852, 25.8942, 98.1414



18.5036, 20.3788, 23.2082



26.8437, 38.5971, 55.4698



2.6283, 3.7873, 5.4058

Inverse Universe

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



58.6489, 28.9677, 91.3100



58.0392, 27.9797, 90.3935



51.7946, 41.9936, 6.6061



18.7668, 18.2900, 22.6553



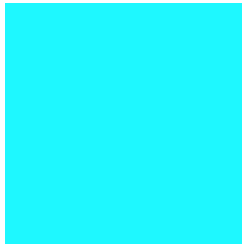
30.3377, 14.6244, 47.2901



2.9613, 1.4269, 4.6434

Previews

White Background



This preview shows how the XYZ color 52.1528, 74.6308, 106.2642 looks on a white background.

Color Contrast Check

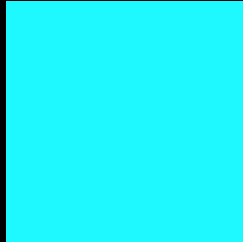
Large Text (above 18pt) WCAG AA × Fail

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 52.1528, 74.6308, 106.2642 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

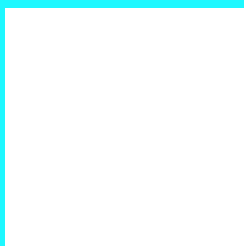
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 52.1528, 74.6308, 106.2642

Background



This preview shows how black text looks on a background with the XYZ color 52.1528, 74.6308, 106.2642.

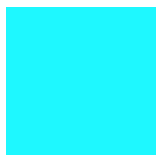


This preview shows how white text looks on a background with the XYZ color 52.1528, 74.6308,

Color Blindness Simulation

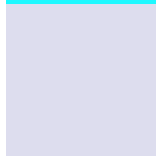
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

52.1528, 74.6308, 106.2642



Protanopia

71.1079, 73.2581, 91.2814



Deuteranopia

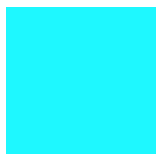
73.8619, 73.2101, 104.8458



Tritanopia

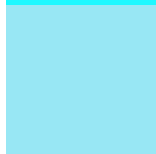
58.1122, 74.1294, 105.8533

Trichromacy



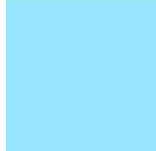
Original Color

52.1528, 74.6308, 106.2642



Protanomaly

57.8539, 70.3589, 96.1193



Deuteranomaly

59.2062, 70.0309, 105.0046



Tritanomaly

54.5142, 73.5965, 105.9401

Monochromacy



Original Color

52.1528, 74.6308, 106.2642



Achromatopsia

45.5594, 47.9320, 52.1980



Achromatomaly

42.8478, 53.8680, 69.1120

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.1528, 74.6308, 106.2642 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(30, 248, 255)` looks like.

```
.text, #text, p{  
    color:rgb(30, 248, 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(30, 248, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(30, 248, 255) }
```

Border

The CSS property to change the border of an element to XYZ 52.1528, 74.6308, 106.2642 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(30, 248, 255) }
```


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

```
.border{ border-color:rgb(30, 248, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(30, 248, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(30, 248, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(30, 248, 255);  
box-shadow:4px 4px 4px 4px rgb(30, 248,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 52.1528, 74.6308, 106.2642 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(30, 248, 255) }
```

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

```
.background{ background-color: rgb(30, 248,  
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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