

Converting Colors

XYZ(45.7142, 61.7928,
104.1256)

Have a look what the booklet for
XYZ(45.7142, 61.7928, 104.1256)
contains.

XYZ(45.7531, 61.8739, 104.1392)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(45.7531, 61.8739,
104.1392)**

Conversions

Conversions Part 1

Format	Color
Hex	1DE2FF
RGB	29, 226, 255
RGB Percent	11%, 89%, 100%
CMY	0.8861, 0.1137, 0.0000
CMYK	0.89, 0.11, 0.00, 0.00
HSL	188°, 100%, 56%
HSV	188°, 89%, 100%
XYZ	45.7531, 61.8739, 104.1392
YIQ	170.4030, -126.7210, -32.7450

Conversions

Conversions Part 2

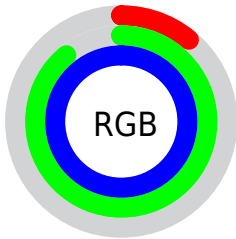
Format	Color
R _Y B	29, 134, 255
Decimal	1958655
CIE Lab	82.85, -34.20, -26.63
CIE LCh	83, 43.345, 217.902
Yxy	61.8739, 0.2161, 0.2922
Android (android.graphics.Color)	4280148735 (0xFF1DE2FF)
YUV	170.4030, 41.7063, -124.0104
Hunter-Lab	78.6600, -33.8292, -23.4330

Details

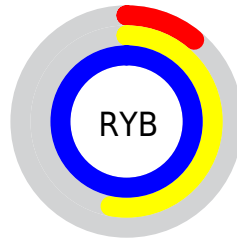
The XYZ color **45.7531, 61.8739, 104.1392** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light washed cyan. A complement of this color would be **42.9770, 24.3784, 3.6051**, and the grayscale version is **38.2591, 40.2516, 43.8340**.

A 20% lighter version of the original color is **61.9784, 82.9510, 107.3523**, and **24.5678, 32.8267, 58.4674** is the 20% darker color. If you saturate the color by 10%, you get **44.4100, 59.8743, 103.8240**, and if you desaturate by 10%, it is **47.6958, 64.2102, 104.4877**.

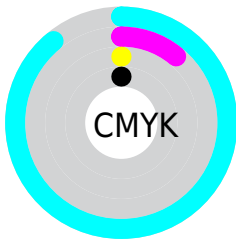
Distribution



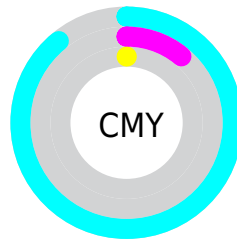
- Red (11%)
- Green (89%)
- Blue (100%)



- Red (11%)
- Yellow (53%)
- Blue (100%)



- Cyan (89%)
- Magenta (11%)
- Yellow (0%)
- Black (0%)



- Cyan (89%)
- Magenta (11%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 45.7531, 61.8739, 104.1392 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 45.7531, 61.8739, 104.1392 by changing the saturation by 10% instead.

45.7531, 61.8739,
104.1392

45.7531, 61.8739,
104.1392

360.5477,
431.4710, 594.7430

32.2548, 44.9308,
79.1258

83.0795, 107.5433,
168.9352

21.7127, 31.4029,
58.4773

107.6383,
137.0383, 209.5548

13.7614, 20.9059,
41.7752

136.6147,
171.4862, 256.2135

8.0355, 13.0552,
28.6011

170.3741,
211.2712, 309.3299

4.1697, 7.4666,
18.5363

209.2817,
256.7778, 369.3225

1.7986, 3.7556,
11.1623

253.7029,

0.5168, 1.5378,

308.3904, 436.6099

6.0605

304.0032,
366.4933, 511.6105

■ 0.0000, 0.3151,
2.8125

■ 0.0000, 0.0000,
0.9997

■ 45.7531, 61.8739,
104.1392

■ 45.7531, 61.8739,
104.1392

■ 44.4100, 59.8743,
103.8240

■ 47.6958, 64.2102,
104.4877

■ 44.2449, 59.6097,
103.7816

■ 50.3723, 66.9490,
104.8753

■ 53.8825, 70.1431,
105.3068

■ 58.3092, 73.8352,
105.7861

■ 63.7250, 78.0630,
106.3167

■ 70.1954, 82.8603,
106.9017

■ 77.7798, 88.2580,
107.5438

■ 86.5335, 94.2846,
108.2457

■ 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.



42.7623, 61.8739, 74.6873



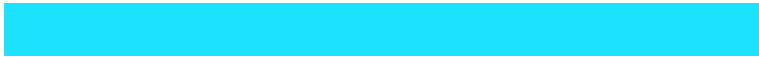
45.7531, 61.8739, 104.1392



52.3123, 61.8739, 127.1034

Triad

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



45.7531, 61.8739, 104.1392



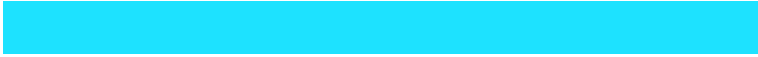
77.0564, 61.8739, 88.6169



56.3760, 61.8739, 28.2040

Complementary

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



45.7531, 61.8739, 104.1392



42.9770, 24.3784, 3.6051

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.



65.8231, 61.8739, 30.0842



45.7531, 61.8739, 104.1392



78.4393, 61.8739, 60.5473

Square

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



45.7531, 61.8739, 104.1392



70.5389, 61.8739, 116.6155



74.1393, 61.8739, 40.4688



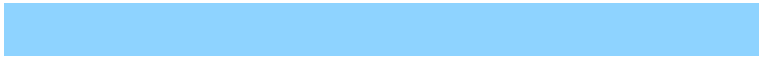
48.4578, 61.8739, 34.4048

Rectangle

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



45.7531, 61.8739, 104.1392



58.1547, 61.8739, 132.9021



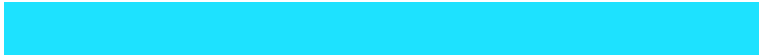
74.1393, 61.8739, 40.4688



59.4688, 61.8739, 27.9509

Sweetspot

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



45.7549, 61.8760, 104.1395



71.3421, 83.6897, 107.0013



36.9669, 72.0614, 15.6256



14.7580, 17.5413, 22.8579



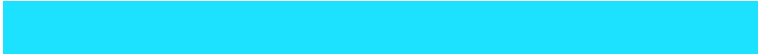
0.0000, 0.0000, 0.0000



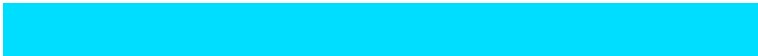
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



45.7549, 61.8760, 104.1395



44.2449, 59.6097, 103.7816



24.7635, 19.8933, 97.1424



18.3443, 20.0602, 23.1551



23.1967, 31.3030, 54.2541



2.3117, 3.1541, 5.3002

Inverse Universe

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



55.4081, 27.6317, 74.3667



54.4620, 26.5488, 71.5559



55.5352, 49.4949, 7.7912



18.6864, 18.2579, 22.2319



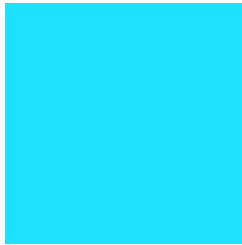
28.4968, 13.8880, 37.5964



2.8014, 1.3630, 3.8018

Previews

White Background



This preview shows how the XYZ color 45.7531, 61.8739, 104.1392 looks on a white background.

Color Contrast Check

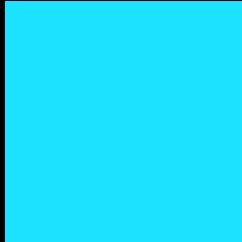
Large Text (above 18pt) WCAG AA × Fail

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 45.7531, 61.8739, 104.1392 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 45.7531, 61.8739, 104.1392

Background



This preview shows how black text looks on a background with the XYZ color 45.7531, 61.8739, 104.1392.

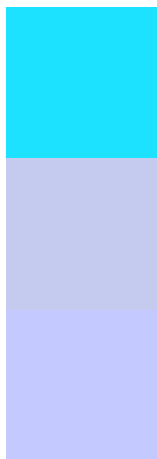


This preview shows how white text looks on a background with the XYZ color 45.7531, 61.8739,

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

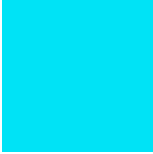
45.7531, 61.8739, 104.1392

Protanopia

59.9619, 60.8142, 90.2393

Deuteranopia

61.7016, 60.7291, 103.0776



Tritanopia

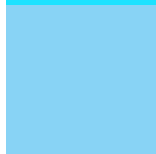
44.1036, 61.5920, 96.7527

Trichromacy



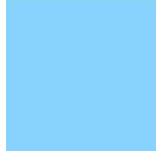
Original Color

45.7531, 61.8739, 104.1392



Protanomaly

49.9290, 58.4153, 95.0300



Deuteranomaly

51.0883, 58.4641, 103.1998



Tritanomaly

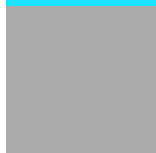
44.7060, 61.8489, 99.2043

Monochromacy



Original Color

45.7531, 61.8739, 104.1392



Achromatopsia

38.2080, 40.1978, 43.7754



Achromatomaly

36.5638, 44.9659, 62.0105

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.7531, 61.8739, 104.1392 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(29, 226, 255)` looks like.

```
.text, #text, p{  
    color:rgb(29, 226, 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(29, 226, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(29, 226, 255) }
```

Border

The CSS property to change the border of an element to XYZ 45.7531, 61.8739, 104.1392 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(29, 226, 255) }
```


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

```
.border{ border-color:rgb(29, 226, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(29, 226, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(29, 226, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(29, 226, 255);  
box-shadow:4px 4px 4px 4px rgb(29, 226,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 45.7531, 61.8739, 104.1392 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(29, 226, 255) }
```

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

```
.background{ background-color: rgb(29, 226,  
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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