

Converting Colors

XYZ(43.9136, 58.4711,
103.2121)

Have a look what the booklet for
XYZ(43.9136, 58.4711, 103.2121)
contains.

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Color

**XYZ(44.0441, 58.6131,
103.5998)**

Conversions

Conversions Part 1

Format	Color
Hex	19DCFF
RGB	25, 220, 255
RGB Percent	10%, 86%, 100%
CMY	0.9018, 0.1372, 0.0000
CMYK	0.90, 0.14, 0.00, 0.00
HSL	189°, 100%, 55%
HSV	189°, 90%, 100%
XYZ	44.0441, 58.6131, 103.5998
YIQ	165.6850, -127.4550, -30.4550

Conversions

Conversions Part 2

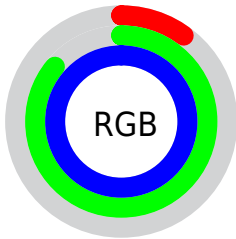
Format	Color
R_{YB}	25, 131, 255
Decimal	1694975
CIE _{Lab}	81.08, -31.52, -29.33
CIE _{LCh}	81, 43.061, 222.941
Yxy	58.6131, 0.2135, 0.2842
Android (android.graphics.Color)	4279885055 (0xFF19DCFF)
YUV	165.6850, 44.0323, -123.3807
Hunter-Lab	76.5592, -31.2885, -26.6397

Details

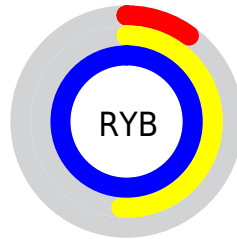
The XYZ color **44.0441, 58.6131, 103.5998** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light washed cyan. A complement of this color would be **43.0336, 24.5657, 3.3954**, and the grayscale version is **35.9381, 37.8096, 41.1747**.

A 20% lighter version of the original color is **61.6952, 82.8049, 107.3390**, and **23.6482, 30.9875, 58.1609** is the 20% darker color. If you saturate the color by 10%, you get **42.6552, 56.4304, 103.2517**, and if you desaturate by 10%, it is **46.0165, 61.1607, 103.9876**.

Distribution



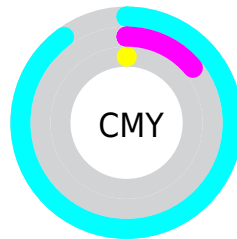
- Red (10%)
- Green (86%)
- Blue (100%)



- Red (10%)
- Yellow (51%)
- Blue (100%)



- Cyan (90%)
- Magenta (14%)
- Yellow (0%)
- Black (0%)



- Cyan (90%)
- Magenta (14%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 44.0441, 58.6131, 103.5998 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 44.0441, 58.6131, 103.5998 by changing the saturation by 10% instead.

44.0441, 58.6131,
103.5998

44.0441, 58.6131,
103.5998

353.7374,
419.4666, 593.0183

30.9032, 42.3017,
78.6767

80.5300, 102.8151,
168.1903

20.6766, 29.3376,
58.1103

104.6058,
131.4746, 208.6947

12.9990, 19.3364,
41.4820

133.0573,
165.0189, 255.2300

7.5048, 11.9136,
28.3734

166.2498,
203.8324, 308.2147

3.8289, 6.6849,
18.3658

204.5487,
248.2996, 368.0673

1.6058, 3.2658,
11.0408

248.3194,

0.3962, 1.2720,

298.8047, 435.2065

5.9798

297.9271,
355.7323, 510.0506

■ 0.0000, 0.1194,
2.7642

■ 0.0000, 0.0000,
0.9755

■ 44.0441, 58.6131,
103.5998

■ 44.0441, 58.6131,
103.5998

■ 42.6552, 56.4304,
103.2517

■ 46.0165, 61.1607,
103.9876

■ 48.7122, 64.1153,
104.4158

■ 52.2341, 67.5315,
104.8896

■ 56.6672, 71.4532,
105.4129

■ 62.0855, 75.9188,
105.9893

■ 68.5555, 80.9628,
106.6219

■ 76.1376, 86.6166,
107.3135

■ 84.8877, 92.9092,
108.0670

■ 94.8578, 99.8676,
108.8846

Harmonies

Analogous

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



40.5729, 58.6131, 75.4981



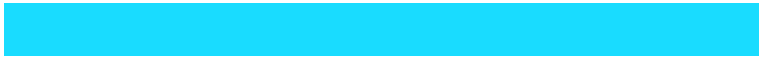
44.0441, 58.6131, 103.5998



50.8153, 58.6131, 123.4399

Triad

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



44.0441, 58.6131, 103.5998



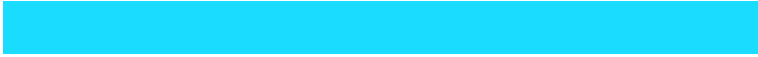
73.8228, 58.6131, 79.3875



51.9465, 58.6131, 26.8450

Complementary

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



44.0441, 58.6131, 103.5998



43.0336, 24.5657, 3.3954

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.



60.9093, 58.6131, 27.3626



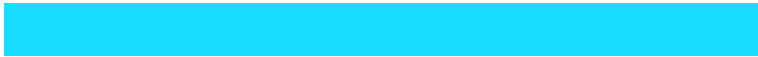
44.0441, 58.6131, 103.5998



74.2094, 58.6131, 53.4123

Square

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



44.0441, 58.6131, 103.5998



68.2672, 58.6131, 107.0956



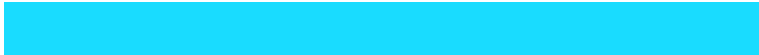
69.2729, 58.6131, 35.8016



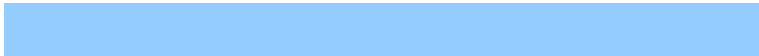
44.7956, 58.6131, 34.1260

Rectangle

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



44.0441, 58.6131, 103.5998



56.5970, 58.6131, 126.7323



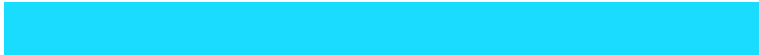
69.2729, 58.6131, 35.8016



54.8323, 58.6131, 26.1846

Sweetspot

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



44.0458, 58.6151, 103.6001



70.8441, 82.6938, 106.8354



36.9651, 72.0485, 16.1689



14.6387, 17.3027, 22.8182



0.0000, 0.0000, 0.0000



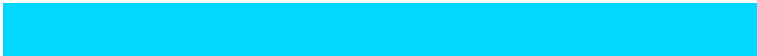
20.3446, 21.4041, 23.3091

Same Dimension

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



44.0458, 58.6151, 103.6001



42.6552, 56.4304, 103.2517



23.5570, 17.6375, 96.7705



18.3055, 19.9826, 23.1422



22.3773, 29.6642, 53.9809



2.2397, 3.0101, 5.2762

Inverse Universe

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



54.5071, 27.1243, 70.0749



53.6596, 26.2278, 67.3306



56.6513, 51.8012, 7.9346



18.6669, 18.2501, 22.1288



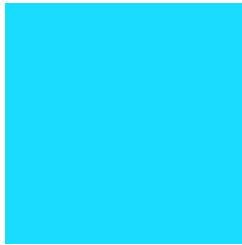
28.0832, 13.7226, 35.4183



2.7651, 1.3484, 3.6105

Previews

White Background



This preview shows how the XYZ color 44.0441, 58.6131, 103.5998 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 44.0441, 58.6131, 103.5998 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

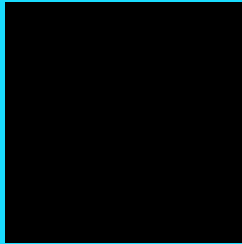
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 44.0441, 58.6131, 103.5998

Background



This preview shows how black text looks on a background with the XYZ color 44.0441, 58.6131, 103.5998.

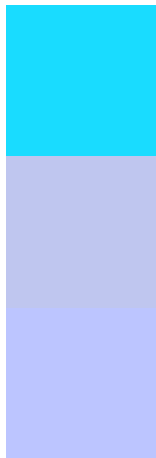


This preview shows how white text looks on a background with the XYZ color 44.0441, 58.6131,

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

44.0441, 58.6131, 103.5998

Protanopia

57.2599, 57.6965, 89.7800

Deuteranopia

58.7553, 57.8439, 102.6760



Tritanopia

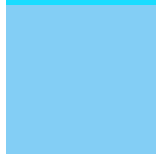
41.8495, 58.5338, 91.5305

Trichromacy



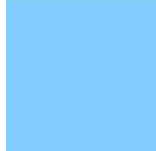
Original Color

44.0441, 58.6131, 103.5998



Protanomaly

47.9128, 55.5605, 94.5852



Deuteranomaly

48.9346, 55.5498, 102.7508



Tritanomaly

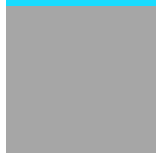
42.4505, 58.3636, 95.4141

Monochromacy



Original Color

44.0441, 58.6131, 103.5998



Achromatopsia

36.2450, 38.1326, 41.5264



Achromatomaly

34.8222, 42.8399, 59.8597

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.0441, 58.6131, 103.5998 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(25, 220, 255)` looks like.

```
.text, #text, p{  
    color:rgb(25, 220, 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(25, 220, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(25, 220, 255) }
```

Border

The CSS property to change the border of an element to XYZ 44.0441, 58.6131, 103.5998 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(25, 220, 255) }
```


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

```
.border{ border-color:rgb(25, 220, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(25, 220, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(25, 220, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(25, 220, 255);  
box-shadow:4px 4px 4px 4px rgb(25, 220,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 44.0441, 58.6131, 103.5998 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(25, 220, 255) }
```

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

```
.background{ background-color: rgb(25, 220,  
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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