

Converting Colors

XYZ(44.4710, 57.4013,
103.3434)

Have a look what the booklet for
XYZ(44.4710, 57.4013, 103.3434)
contains.

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Color

**XYZ(44.4095, 57.2615,
103.3197)**

Conversions

Conversions Part 1

Format	Color
Hex	3BD8FF
RGB	59, 216, 255
RGB Percent	23%, 85%, 100%
CMY	0.7686, 0.1529, 0.0000
CMYK	0.77, 0.15, 0.00, 0.00
HSL	192°, 100%, 62%
HSV	192°, 77%, 100%
XYZ	44.4095, 57.2615, 103.3197
YIQ	173.5030, -106.0910, -21.1550

Conversions

Conversions Part 2

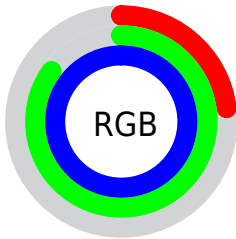
Format	Color
R _Y B	59, 146, 255
Decimal	3922175
CIE Lab	80.33, -27.21, -30.45
CIE LCh	80, 40.842, 228.215
Yxy	57.2615, 0.2166, 0.2793
Android (android.graphics.Color)	4282112255 (0xFF3BD8FF)
YUV	173.5030, 40.1780, -100.4191
Hunter-Lab	75.6713, -27.6679, -27.9831

Details

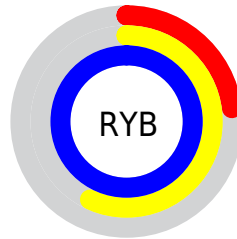
The XYZ color **44.4095, 57.2615, 103.3197** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light washed cyan. A complement of this color would be **46.3988, 30.3138, 7.5456**, and the grayscale version is **39.8202, 41.8940, 45.6225**.

A 20% lighter version of the original color is **63.8017, 83.8909, 107.4376**, and **22.9379, 29.5670, 57.9241** is the 20% darker color. If you saturate the color by 10%, you get **41.9704, 54.1051, 102.8390**, and if you desaturate by 10%, it is **47.6293, 60.8822, 103.8489**.

Distribution



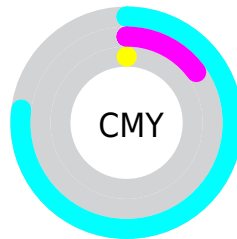
- Red (23%)
- Green (85%)
- Blue (100%)



- Red (23%)
- Yellow (57%)
- Blue (100%)



- Cyan (77%)
- Magenta (15%)
- Yellow (0%)
- Black (0%)



- Cyan (77%)
- Magenta (15%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 44.4095, 57.2615, 103.3197 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 44.4095, 57.2615, 103.3197 by changing the saturation by 10% instead.

44.4095, 57.2615,
103.3197

44.4095, 57.2615,
103.3197

355.2008,
414.4285, 592.1216

31.1919, 41.2152,
78.4436

81.0761, 100.8466,
167.8033

20.8975, 28.4873,
57.9198

105.2558,
129.1543, 208.2479

13.1612, 18.6933,
41.3299

133.8202,
162.3179, 254.7190

7.6174, 11.4489,
28.2553

167.1348,
200.7218, 307.6352

3.9008, 6.3696,
18.2775

205.5647,
244.7504, 367.4150

1.6462, 3.0711,
10.9779

249.4755,

0.4222, 1.1690,

294.7881, 434.4770

5.9380

299.2324,
351.2194, 509.2397

■ 0.0000, 0.0361,
2.7392

■ 0.0000, 0.0000,
0.9631

■ 44.4095, 57.2615,
103.3197

■ 44.4095, 57.2615,
103.3197

■ 41.9704, 54.1051,
102.8390

■ 47.6293, 60.8822,
103.8489

■ 40.1867, 51.3444,
102.4001

■ 51.7198, 65.0108,
104.4302

■ 39.7046, 50.5292,
102.2682

■ 56.7639, 69.6916,
105.0678

■ 62.8328, 74.9620,
105.7652

69.9912, 80.8555,
106.5255

78.2980, 87.4033,
107.3515

87.8079, 94.6339,
108.2459

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.



40.5503, 57.2615, 77.8598



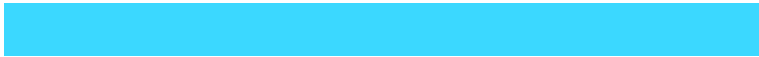
44.4095, 57.2615, 103.3197



51.2106, 57.2615, 119.0854

Triad

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



44.4095, 57.2615, 103.3197



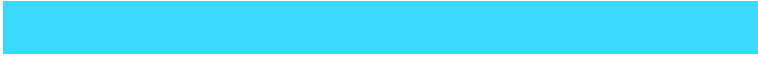
71.7103, 57.2615, 72.2221



49.5577, 57.2615, 28.0672

Complementary

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



44.4095, 57.2615, 103.3197



46.3988, 30.3138, 7.5456

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.



57.7719, 57.2615, 27.2901



44.4095, 57.2615, 103.3197



71.1514, 57.2615, 49.0468

Square

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



44.4095, 57.2615, 103.3197



67.3011, 57.2615, 98.2944



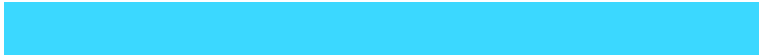
65.8441, 57.2615, 33.9548



43.3064, 57.2615, 36.4464

Rectangle

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



44.4095, 57.2615, 103.3197



56.7527, 57.2615, 119.8530



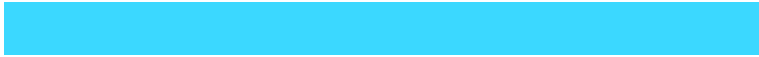
65.8441, 57.2615, 33.9548



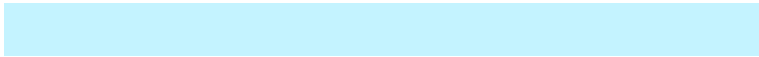
52.1625, 57.2615, 27.0043

Sweetspot

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



44.4112, 57.2635, 103.3200



73.0555, 83.3015, 106.8361



39.6277, 73.2756, 22.8688



15.0214, 17.3389, 22.8050



0.0000, 0.0000, 0.0000



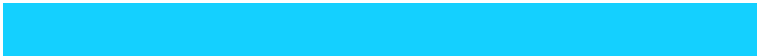
20.3446, 21.4041, 23.3091

Same Dimension

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



44.4112, 57.2635, 103.3200



40.9804, 52.6403, 102.6084



26.7014, 21.8440, 97.4167



18.2298, 19.8311, 23.1169



20.8546, 26.6189, 53.4734



2.1050, 2.7407, 5.2313

Inverse Universe

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



55.1998, 29.3476, 67.7229



52.9217, 26.3443, 62.1761



61.0862, 59.6887, 12.4414



18.6286, 18.2348, 21.9275



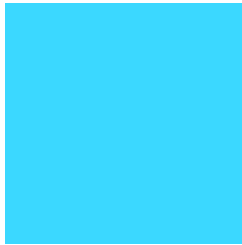
27.3147, 13.4152, 31.3711



2.6971, 1.3212, 3.2523

Previews

White Background



This preview shows how the XYZ color 44.4095, 57.2615, 103.3197 looks on a white background.

Color Contrast Check

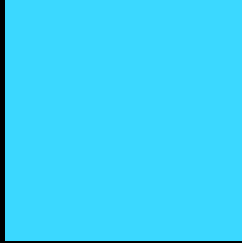
Large Text (above 18pt) WCAG AA × Fail

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 44.4095, 57.2615, 103.3197 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

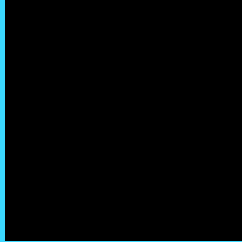
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 44.4095, 57.2615, 103.3197

Background



This preview shows how black text looks on a background with the XYZ color 44.4095, 57.2615, 103.3197.



This preview shows how white text looks on a background with the XYZ color 44.4095, 57.2615,

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

44.4095, 57.2615, 103.3197

Protanopia

56.3561, 56.5221, 91.1587

Deuteranopia

57.3323, 56.4406, 102.4801



Tritanopia

41.5320, 57.2489, 88.9819

Trichromacy



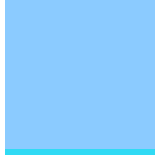
Original Color

44.4095, 57.2615, 103.3197



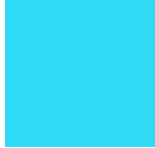
Protanomaly

48.9750, 55.0284, 95.2291



Deuteranomaly

50.0534, 55.4208, 102.6669



Tritanomaly

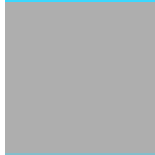
42.6195, 57.3028, 94.4022

Monochromacy



Original Color

44.4095, 57.2615, 103.3197



Achromatopsia

40.2316, 42.3268, 46.0938



Achromatomaly

38.4928, 45.6125, 63.2752

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.4095, 57.2615, 103.3197 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(59, 216, 255)` looks like.

```
.text, #text, p{  
    color:rgb(59, 216, 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(59, 216, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 216, 255) }
```

Border

The CSS property to change the border of an element to XYZ 44.4095, 57.2615, 103.3197 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(59, 216, 255) }
```


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

```
.border{ border-color:rgb(59, 216, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(59, 216, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 216, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(59, 216, 255);  
box-shadow:4px 4px 4px 4px rgb(59, 216,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 44.4095, 57.2615, 103.3197 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(59, 216, 255) }
```

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

```
.background{ background-color: rgb(59, 216,  
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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