

Converting Colors

XYZ(44.1229, 57.3334,
103.3487)

Have a look what the booklet for
XYZ(44.1229, 57.3334, 103.3487)
contains.

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Color

**XYZ(44.2281, 57.5495,
103.3848)**

Conversions

Conversions Part 1

Format	Color
Hex	33D9FF
RGB	51, 217, 255
RGB Percent	20%, 85%, 100%
CMY	0.7999, 0.1490, 0.0000
CMYK	0.80, 0.15, 0.00, 0.00
HSL	191°, 100%, 60%
HSV	191°, 80%, 100%
XYZ	44.2281, 57.5495, 103.3848
YIQ	171.6980, -111.1340, -23.3740

Conversions

Conversions Part 2

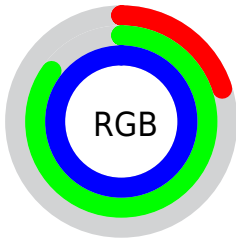
Format	Color
R _Y B	51, 143, 255
Decimal	3398143
CIE Lab	80.49, -28.44, -30.22
CIE LCh	80, 41.495, 226.737
Yxy	57.5495, 0.2156, 0.2805
Android (android.graphics.Color)	4281588223 (0xFF33D9FF)
YUV	171.6980, 41.0679, -105.8521
Hunter-Lab	75.8614, -28.6898, -27.6981

Details

The XYZ color **44.2281, 57.5495, 103.3848** 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 **45.4117, 28.6467, 6.2701**, and the grayscale version is **38.9030, 40.9290, 44.5717**.

A 20% lighter version of the original color is **63.0159, 83.4858, 107.4008**, and **23.1134, 29.9179, 57.9826** is the 20% darker color. If you saturate the color by 10%, you get **42.0705, 54.6468, 102.9383**, and if you desaturate by 10%, it is **47.1276, 60.8892, 103.8767**.

Distribution



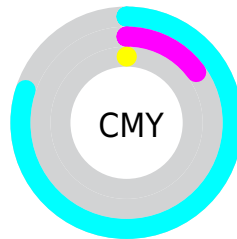
- Red (20%)
- Green (85%)
- Blue (100%)



- Red (20%)
- Yellow (56%)
- Blue (100%)



- Cyan (80%)
- Magenta (15%)
- Yellow (0%)
- Black (0%)



- Cyan (80%)
- Magenta (15%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 44.2281, 57.5495, 103.3848 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 44.2281, 57.5495, 103.3848 by changing the saturation by 10% instead.

■ 44.2281, 57.5495,
103.3848

■ 44.2281, 57.5495,
103.3848

354.4748,
415.5052, 592.3301

■ 31.0486, 41.4466,
78.4977

■ 80.8051, 101.2665,
167.8933

■ 20.7878, 28.6682,
57.9641

■ 104.9332,
129.6494, 208.3517

■ 13.0806, 18.8300,
41.3653

■ 133.4416,
162.8945, 254.8378

■ 7.5614, 11.5475,
28.2827

■ 166.6956,
201.3860, 307.7699

■ 3.8651, 6.4363,
18.2980

205.0606,
245.5085, 367.5666

■ 1.6261, 3.1122,
10.9925

248.9019,

■ 0.4093, 1.1906,

295.6462, 434.6466

5.9477

298.5848,
352.1836, 509.4282

■ 0.0000, 0.0540,
2.7450

■ 0.0000, 0.0000,
0.9660

■ 44.2281, 57.5495,
103.3848

■ 44.2281, 57.5495,
103.3848

■ 42.0705, 54.6468,
102.9383

■ 47.1276, 60.8892,
103.8767

■ 40.4850, 52.0897,
102.5283

■ 50.8650, 64.7126,
104.4177

■ 40.4839, 52.0879,
102.5280

■ 55.5267, 69.0656,
105.0122

■ 61.1869, 73.9869,
105.6638

■ 67.9118, 79.5112,
106.3756

■ 75.7620, 85.6699,
107.1506

■ 84.7935, 92.4924,
107.9915

■ 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.



40.4706, 57.5495, 77.1580



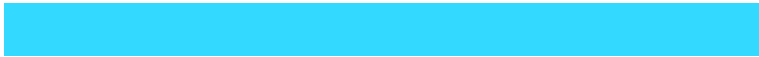
44.2281, 57.5495, 103.3848



51.0283, 57.5495, 120.2769

Triad

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



44.2281, 57.5495, 103.3848



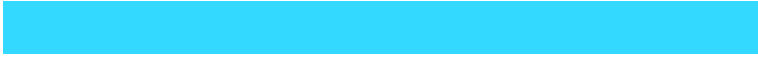
72.2324, 57.5495, 74.0462



50.1183, 57.5495, 27.6305

Complementary

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



44.2281, 57.5495, 103.3848



45.4117, 28.6467, 6.2701

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.



58.5418, 57.5495, 27.2064



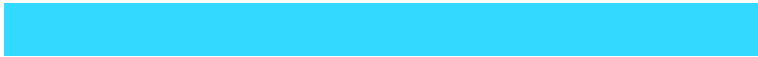
44.2281, 57.5495, 103.3848



71.9236, 57.5495, 50.1052

Square

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



44.2281, 57.5495, 103.3848



67.5089, 57.5495, 100.6035



66.7046, 57.5495, 34.3428



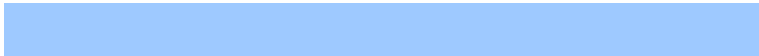
43.6217, 57.5495, 35.7067

Rectangle

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



44.2281, 57.5495, 103.3848



56.6423, 57.5495, 121.7141



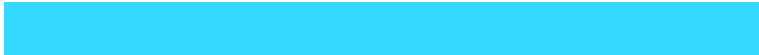
66.7046, 57.5495, 34.3428



52.8008, 57.5495, 26.6784

Sweetspot

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



44.2298, 57.5515, 103.3851



72.4772, 83.1237, 106.8323



38.9049, 72.9358, 21.3506



14.9215, 17.3262, 22.8078



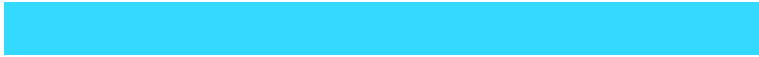
0.0000, 0.0000, 0.0000



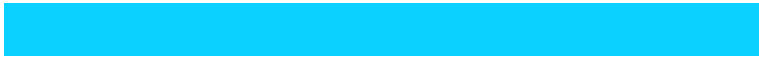
20.3446, 21.4041, 23.3091

Same Dimension

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



44.2298, 57.5515, 103.3851



41.0762, 53.0828, 102.6888



25.6171, 20.3261, 97.1809



18.2503, 19.8722, 23.1238



21.2570, 27.4236, 53.6075



2.1407, 2.8121, 5.2432

Inverse Universe

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



54.9494, 28.6392, 68.2793



52.9088, 26.1047, 62.8311



60.3395, 58.5023, 11.2460



18.6390, 18.2389, 21.9820



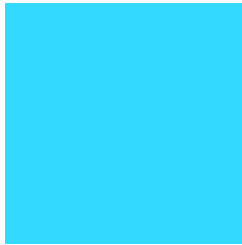
27.5178, 13.4964, 32.4407



2.7151, 1.3284, 3.3474

Previews

White Background



This preview shows how the XYZ color 44.2281, 57.5495, 103.3848 looks on a white background.

Color Contrast Check

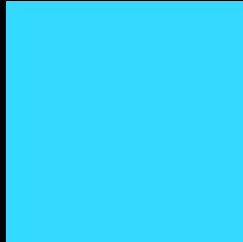
Large Text (above 18pt) WCAG AA × Fail

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 44.2281, 57.5495, 103.3848 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 44.2281, 57.5495, 103.3848

Background



This preview shows how black text looks on a background with the XYZ color 44.2281, 57.5495, 103.3848.



This preview shows how white text looks on a background with the XYZ color 44.2281, 57.5495,

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

44.2281, 57.5495, 103.3848

Protanopia

56.2071, 56.4625, 90.3740

Deuteranopia

57.5727, 56.5645, 102.4914



Tritanopia

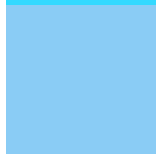
41.5325, 57.6207, 89.8218

Trichromacy



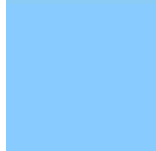
Original Color

44.2281, 57.5495, 103.3848



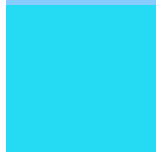
Protanomaly

48.5555, 55.1816, 94.4782



Deuteranomaly

49.5593, 55.1661, 102.6438



Tritanomaly

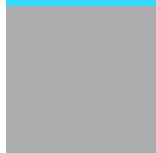
42.4236, 57.5880, 94.4676

Monochromacy



Original Color

44.2281, 57.5495, 103.3848



Achromatopsia

39.2122, 41.2543, 44.9259



Achromatomaly

37.5460, 44.8199, 62.5493

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.2281, 57.5495, 103.3848 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(51, 217, 255)` looks like.

```
.text, #text, p{  
    color:rgb(51, 217, 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(51, 217, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 217, 255) }
```

Border

The CSS property to change the border of an element to XYZ 44.2281, 57.5495, 103.3848 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(51, 217, 255) }
```


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

```
.border{ border-color:rgb(51, 217, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(51, 217, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 217, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 217, 255);  
box-shadow:4px 4px 4px 4px rgb(51, 217,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 44.2281, 57.5495, 103.3848 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 217, 255) }
```

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

```
.background{ background-color: rgb(51, 217,  
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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