

Converting Colors

XYZ(43.2414, 59.4276, 97.1886)

Have a look what the booklet for
XYZ(43.2414, 59.4276, 97.1886)
contains.

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Color

**XYZ(43.3014, 59.5553,
97.2088)**

Conversions

Conversions Part 1

Format	Color
Hex	0ADFF7
RGB	10, 223, 247
RGB Percent	4%, 87%, 97%
CMY	0.9605, 0.1255, 0.0314
CMYK	0.96, 0.10, 0.00, 0.03
HSL	186°, 94%, 50%
HSV	186°, 96%, 97%
XYZ	43.3014, 59.5553, 97.2088
YIQ	162.0490, -134.6520, -37.6920

Conversions

Conversions Part 2

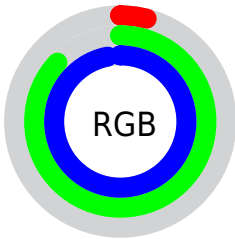
Format	Color
RYB	10, 122, 247
Decimal	712695
CIELab	81.60, -35.94, -24.31
CIELCh	82, 43.391, 214.076
Yxy	59.5553, 0.2164, 0.2977
Android (android.graphics.Color)	4278902775 (0xFF0ADFF7)
YUV	162.0490, 41.8808, -133.3470
Hunter-Lab	77.1721, -34.8945, -20.6634

Details

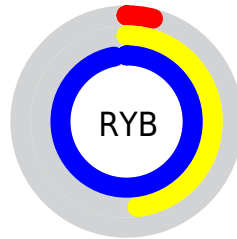
The XYZ color **43.3014, 59.5553, 97.2088** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light saturated cyan. A complement of this color would be **38.9876, 20.9448, 2.2772**, and the grayscale version is **34.2320, 36.0147, 39.2200**.

A 20% lighter version of the original color is **61.1461, 82.5219, 107.3133**, and **23.2227, 31.3990, 54.1269** is the 20% darker color. If you saturate the color by 10%, you get **42.9053, 58.9487, 97.1137**, and if you desaturate by 10%, it is **44.5362, 61.1927, 97.4609**.

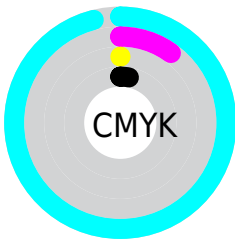
Distribution



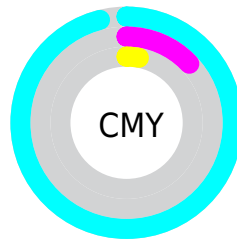
- Red (4%)
- Green (87%)
- Blue (97%)



- Red (4%)
- Yellow (48%)
- Blue (97%)



- Cyan (96%)
- Magenta (10%)
- Yellow (0%)
- Black (3%)





- Cyan (96%)
- Magenta (13%)
- Yellow (3%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.3014, 59.5553, 97.2088 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 43.3014, 59.5553, 97.2088 by changing the saturation by 10% instead.


 43.3014, 59.5553,
97.2088


 43.3014, 59.5553,
97.2088


350.7503,
422.9567, 572.3763


 30.3172, 43.0603,
73.3677


 79.4184, 104.1843,
159.3344

 20.2288, 29.9324,
53.7830


 103.2819,
133.0871, 198.4559


 12.6707, 19.7873,
38.0362


 131.5025,
166.8946, 243.5081

 7.2776, 12.2405,
25.7088

 164.4456,
205.9912, 294.9093

 3.6842, 6.9077,
16.3821

 202.4766,
250.7613, 353.0782

 1.5251, 3.4044,
9.6377

245.9609,

 0.3428, 1.3464,

301.5894, 418.4333

5.0569

295.2636,
358.8597, 491.3932

■ 0.0000, 0.1767,
2.2214

■ 0.0000, 0.0000,
0.6867

■ 43.3014, 59.5553,
97.2088

■ 43.3014, 59.5553,
97.2088

■ 42.9053, 58.9487,
97.1137

■ 44.5362, 61.1927,
97.4609

■ 46.3659, 63.1504,
97.7424

■ 48.8992, 65.4856,
98.0596

■ 52.2220, 68.2426,
98.4166

■ 56.4080, 71.4596,
98.8169

■ 61.5223, 75.1700,
99.2635

■ 67.6237, 79.4044,
99.7593

■ 74.7662, 84.1905,
100.3066

■ 82.9997, 89.5542,
100.9080

Harmonies

Analogous

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



40.8698, 59.5553, 68.4771



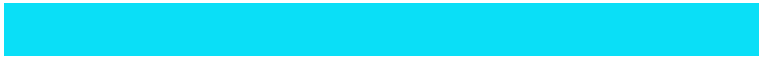
43.3014, 59.5553, 97.2088



49.2881, 59.5553, 121.2344

Triad

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



43.3014, 59.5553, 97.2088



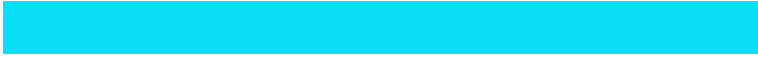
73.8655, 59.5553, 89.3415



55.3696, 59.5553, 26.5750

Complementary

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



43.3014, 59.5553, 97.2088



38.9876, 20.9448, 2.2772

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.



64.6136, 59.5553, 29.3835



43.3014, 59.5553, 97.2088



75.9364, 59.5553, 61.3448

Square

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



43.3014, 59.5553, 97.2088



66.9977, 59.5553, 115.9031



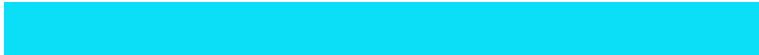
72.3887, 59.5553, 40.6041



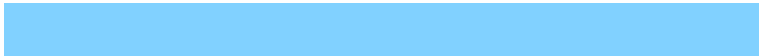
47.3477, 59.5553, 31.5377

Rectangle

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



43.3014, 59.5553, 97.2088



54.8169, 59.5553, 128.6341



72.3887, 59.5553, 40.6041



58.4326, 59.5553, 26.6528

Sweetspot

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



43.3033, 59.5574, 97.2103



70.5346, 83.8834, 107.0813



33.6727, 66.7016, 12.5958



14.5002, 17.5396, 22.8712



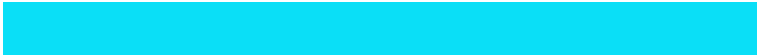
0.0000, 0.0000, 0.0000



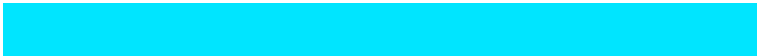
20.3446, 21.4041, 23.3091

Same Dimension

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



43.3033, 59.5574, 97.2103



46.1166, 63.3532, 104.4055



21.9507, 16.8522, 90.0927



16.8449, 18.4541, 21.2167



22.7517, 31.2971, 51.3798



2.0403, 2.8319, 4.5293

Inverse Universe

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



51.7873, 25.3210, 71.9721



55.4067, 26.9267, 76.5310



49.6792, 42.3280, 5.8410



17.1370, 16.7377, 20.4682



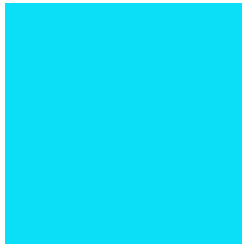
27.2885, 13.2588, 37.8232



2.4189, 1.1735, 3.4322

Previews

White Background



This preview shows how the XYZ color 43.3014, 59.5553, 97.2088 looks on a white background.

Color Contrast Check

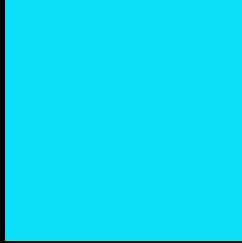
Large Text (above 18pt) WCAG AA × Fail

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 43.3014, 59.5553, 97.2088 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

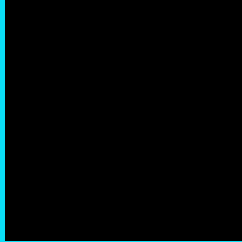
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.3014, 59.5553, 97.2088

Background



This preview shows how black text looks on a background with the XYZ color 43.3014, 59.5553, 97.2088.

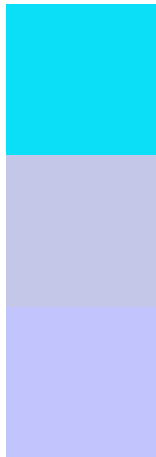


This preview shows how white text looks on a background with the XYZ color 43.3014, 59.5553,

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

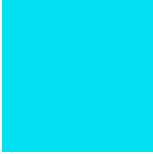
43.3014, 59.5553, 97.2088

Protanopia

57.6122, 58.3521, 83.8279

Deuteranopia

59.9440, 58.4937, 101.0595



Tritanopia

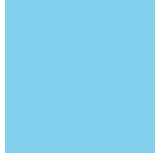
42.6827, 59.7221, 93.2823

Trichromacy



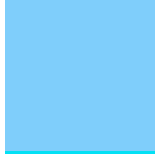
Original Color

43.3014, 59.5553, 97.2088



Protanomaly

46.7440, 55.8154, 88.4305



Deuteranomaly

48.2363, 55.6197, 99.4601



Tritanomaly

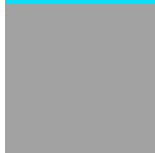
43.0349, 59.8688, 94.8756

Monochromacy



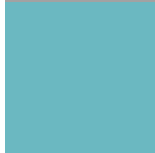
Original Color

43.3014, 59.5553, 97.2088



Achromatopsia

34.3422, 36.1307, 39.3463



Achromatomaly

32.8295, 41.2570, 56.6852

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.3014, 59.5553, 97.2088 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(10, 223, 247)` looks like.

```
.text, #text, p{  
    color:rgb(10, 223, 247)  
}
```

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(10, 223, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(10, 223, 247) }
```

Border

The CSS property to change the border of an element to XYZ 43.3014, 59.5553, 97.2088 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(10, 223, 247) }
```


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

```
.border{ border-color:rgb(10, 223, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(10, 223, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(10, 223, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(10, 223, 247);  
box-shadow:4px 4px 4px 4px rgb(10, 223,  
247) }
```

Background

The CSS property to change the background color of an element to XYZ 43.3014, 59.5553, 97.2088 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(10, 223, 247) }
```

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

```
.background{ background-color: rgb(10, 223,  
247) }
```

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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