

Converting Colors

XYZ(35.3396, 42.3854, 94.5977)

Have a look what the booklet for
XYZ(35.3396, 42.3854, 94.5977)
contains.

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Color

**XYZ(35.2619, 42.3046,
94.3028)**

Conversions

Conversions Part 1

Format	Color
Hex	29BAF7
RGB	41, 186, 247
RGB Percent	16%, 73%, 97%
CMY	0.8391, 0.2706, 0.0314
CMYK	0.83, 0.25, 0.00, 0.03
HSL	198°, 93%, 56%
HSV	198°, 83%, 97%
XYZ	35.2619, 42.3046, 94.3028
YIQ	149.5990, -106.0010, -11.7690

Conversions

Conversions Part 2

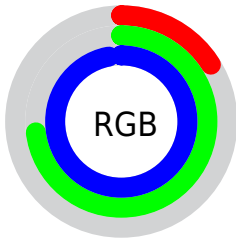
Format	Color
R _{YB}	41, 126, 247
Decimal	2734839
CIE _{Lab}	71.08, -16.07, -40.50
CIE _{LCh}	71, 43.576, 248.356
Y _{xy}	42.3046, 0.2052, 0.2461
Android (android.graphics.Color)	4280924919 (0xFF29BAF7)
Y _{UV}	149.5990, 48.0187, -95.2413
Hunter-Lab	65.0420, -17.0514, -40.4337

Details

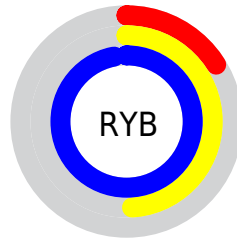
The XYZ color **35.2619, 42.3046, 94.3028** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light washed azure. A complement of this color would be **43.5124, 29.4419, 5.4895**, and the grayscale version is **28.6587, 30.1511, 32.8346**.

A 20% lighter version of the original color is **57.8282, 74.8618, 106.0097**, and **17.6818, 20.4928, 51.7388** is the 20% darker color. If you saturate the color by 10%, you get **33.0654, 38.9435, 93.7707**, and if you desaturate by 10%, it is **38.1570, 46.1443, 94.8922**.

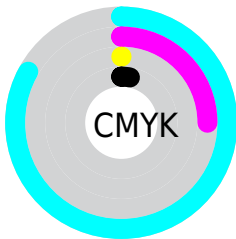
Distribution



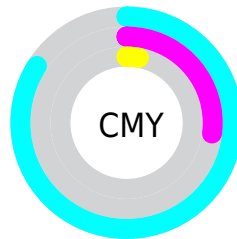
- Red (16%)
- Green (73%)
- Blue (97%)



- Red (16%)
- Yellow (49%)
- Blue (97%)



- Cyan (83%)
- Magenta (25%)
- Yellow (0%)
- Black (3%)



- Cyan (84%)
- Magenta (27%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.2619, 42.3046, 94.3028 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 35.2619, 42.3046, 94.3028 by changing the saturation by 10% instead.

■ 35.2619, 42.3046,
94.3028

■ 35.2619, 42.3046,
94.3028

317.2106,
355.7441, 562.8578

■ 24.0321, 29.3399,
70.9612

■ 67.2226, 78.6604,
155.2883

■ 15.4823, 19.3381,
51.8289

■ 88.6844, 102.8203,
193.7693

■ 9.2471, 11.9148,
36.4874

■ 114.2874,
131.4807, 238.1338

■ 4.9611, 6.6857,
24.5182

■ 144.3972,
165.0260, 288.8003

■ 2.2590, 3.2663,
15.5027

■ 179.3791,
203.8406, 346.1874

■ 0.7736, 1.2723,
9.0224

219.5984,

■ 0.0000, 0.1196,

248.3089, 410.7137

4.6588

265.4204,
298.8152, 482.7976

■ 0.0000, 0.0000,
1.9933

■ 0.0000, 0.0000,
0.5511

■ 35.2619, 42.3046,
94.3028

■ 35.2619, 42.3046,
94.3028

■ 33.0654, 38.9435,
93.7707

■ 38.1570, 46.1443,
94.8922

■ 31.8963, 36.9308,
93.4438

■ 41.8474, 50.5122,
95.5408

■ 46.4181, 55.4544,
96.2538

■ 51.9413, 61.0097,
97.0350

■ 58.4815, 67.2130,
97.8877

■ 66.0972, 74.0959,
98.8148

■ 74.8420, 81.6878,
99.8193

■ 84.7663, 90.0160,
100.9037

■ 92.7874, 97.4929,
101.9241

Harmonies

Analogous

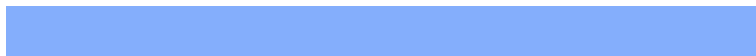
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



30.1969, 42.3046, 75.7020



35.2619, 42.3046, 94.3028



42.2788, 42.3046, 98.2292

Triad

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



35.2619, 42.3046, 94.3028



55.7172, 42.3046, 40.4767



32.1301, 42.3046, 21.2267

Complementary

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



35.2619, 42.3046, 94.3028



43.5124, 29.4419, 5.4895

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.



38.2084, 42.3046, 16.6852



35.2619, 42.3046, 94.3028



52.2211, 42.3046, 25.3878

Square

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



35.2619, 42.3046, 94.3028



54.6812, 42.3046, 62.4959



45.5990, 42.3046, 17.9359



28.5466, 42.3046, 32.7964

Rectangle

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



35.2619, 42.3046, 94.3028



47.2339, 42.3046, 91.1396



45.5990, 42.3046, 17.9359



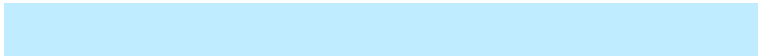
33.9181, 42.3046, 19.0149

Sweetspot

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



35.2634, 42.3060, 94.3039



69.6290, 78.3893, 106.0685



36.4470, 67.9023, 23.0864



14.2726, 16.2122, 22.6270



0.0000, 0.0000, 0.0000



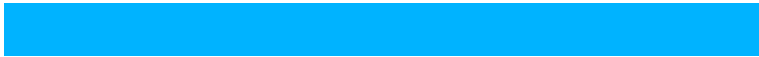
20.3446, 21.4041, 23.3091

Same Dimension

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



35.2634, 42.3060, 94.3039



34.2671, 39.6542, 100.4557



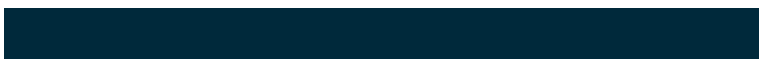
21.0042, 13.7876, 89.5508



16.5581, 17.8805, 21.1212



16.9982, 19.7902, 49.4620



1.5831, 1.9175, 4.3769

Inverse Universe

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



48.0151, 24.9071, 48.7324



49.4256, 24.5343, 45.0350



59.9669, 62.3508, 10.9743



16.9923, 16.6798, 19.7060



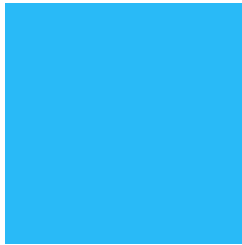
24.3844, 12.0972, 22.5306



2.1881, 1.0812, 2.2170

Previews

White Background



This preview shows how the XYZ color 35.2619, 42.3046, 94.3028 looks on a white background.

Color Contrast Check

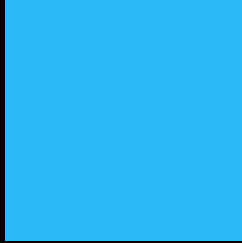
Large Text (above 18pt) WCAG AA × Fail

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 35.2619, 42.3046, 94.3028 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

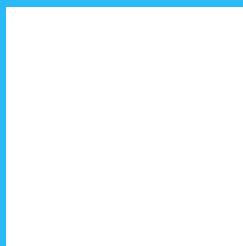
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 35.2619, 42.3046, 94.3028

Background



This preview shows how black text looks on a background with the XYZ color 35.2619, 42.3046, 94.3028.

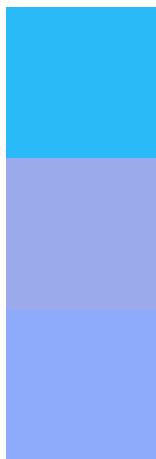


This preview shows how white text looks on a background with the XYZ color 35.2619, 42.3046,

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

35.2619, 42.3046, 94.3028

Protanopia

42.6965, 41.6176, 84.3799

Deuteranopia

42.8027, 41.6907, 96.2336



Tritanopia

30.1121, 42.2043, 65.5906

Trichromacy



Original Color

35.2619, 42.3046, 94.3028

Protanomaly

37.9154, 40.7934, 87.5369

Deuteranomaly

38.4499, 40.8935, 95.4892

Tritanomaly

31.7953, 42.2024, 75.5773

Monochromacy



Original Color

35.2619, 42.3046, 94.3028

Achromatopsia

28.9890, 30.4987, 33.2131

Achromatomaly

28.2846, 33.0122, 50.7802

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.2619, 42.3046, 94.3028 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(41, 186, 247)` looks like.

```
.text, #text, p{  
    color:rgb(41, 186, 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(41, 186, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(41, 186, 247) }
```

Border

The CSS property to change the border of an element to XYZ 35.2619, 42.3046, 94.3028 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(41, 186, 247) }
```


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

```
.border{ border-color:rgb(41, 186, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(41, 186, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(41, 186, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(41, 186, 247);  
box-shadow:4px 4px 4px 4px rgb(41, 186,  
247) }
```

Background

The CSS property to change the background color of an element to XYZ 35.2619, 42.3046, 94.3028 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(41, 186, 247) }
```

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

```
.background{ background-color: rgb(41, 186,  
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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