

Converting Colors

XYZ(28.3821, 27.4251, 95.0645)

Have a look what the booklet for
XYZ(28.3821, 27.4251, 95.0645)
contains.

XYZ(28.3821, 27.4251, 95.0645)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	30

Color

**XYZ(28.3821, 27.4251,
95.0645)**

Conversions

Conversions Part 1

Format	Color
Hex	2B90FB
RGB	43, 144, 251
RGB Percent	17%, 56%, 98%
CMY	0.8313, 0.4353, 0.0157
CMYK	0.83, 0.43, 0.00, 0.02
HSL	211°, 96%, 58%
HSV	211°, 83%, 98%
XYZ	28.3821, 27.4251, 95.0645
YIQ	125.9990, -94.5430, 11.8650

Conversions

Conversions Part 2

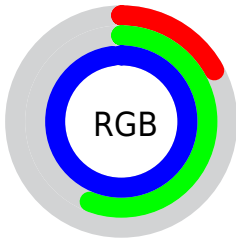
Format	Color
R _Y B	43, 111, 251
Decimal	2855163
CIE Lab	59.37, 9.35, -61.21
CIE LCh	59, 61.922, 278.682
Yxy	27.4251, 0.1881, 0.1818
Android (android.graphics.Color)	4281045243 (0xFF2B90FB)
YUV	125.9990, 61.6255, -72.7901
Hunter-Lab	52.3690, 5.0949, -70.9698

Details

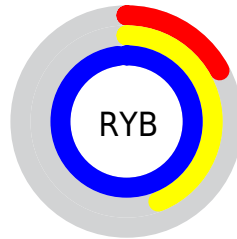
The XYZ color **28.3821, 27.4251, 95.0645** is a dark color, and the websafe version is hex **3399FF**. The color can be described as middle washed azure. A complement of this color would be **51.1303, 42.5037, 7.7968**, and the grayscale version is **19.6537, 20.6772, 22.5175**.

A 20% lighter version of the original color is **46.1846, 51.3635, 102.0877**, and **13.8298, 12.0795, 52.6416** is the 20% darker color. If you saturate the color by 10%, you get **25.7888, 23.3490, 94.4151**, and if you desaturate by 10%, it is **31.8476, 32.2833, 95.8202**.

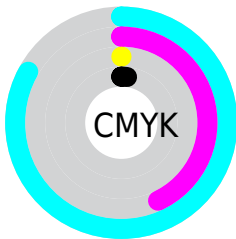
Distribution



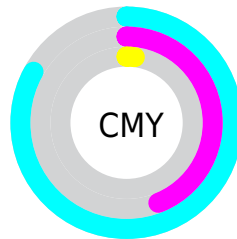
- Red (17%)
- Green (56%)
- Blue (98%)



- Red (17%)
- Yellow (44%)
- Blue (98%)



- Cyan (83%)
- Magenta (43%)
- Yellow (0%)
- Black (2%)



- Cyan (83%)
- Magenta (44%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.3821, 27.4251, 95.0645 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 28.3821, 27.4251, 95.0645 by changing the saturation by 10% instead.

■ 28.3821, 27.4251,
95.0645

■ 28.3821, 27.4251,
95.0645

286.3353,
289.7095, 565.3611

■ 18.7558, 17.8927,
71.5915

■ 56.4983, 55.5653,
156.3501

■ 11.5969, 10.8730,
52.3402

■ 75.7189, 74.9419,
194.9997

■ 6.5401, 5.9815,
36.8922

■ 98.8684, 98.3687,
239.5452

■ 3.2199, 2.8338,
24.8289

■ 126.3120,
126.2301, 290.4053

■ 1.2711, 1.0456,
15.7318

■ 158.4151,
158.9105, 347.9983

■ 0.1614, 0.0000,
9.1823

195.5432,

■ 0.0000, 0.0000,

196.7942, 412.7430

4.7618

238.0615,
240.2658, 485.0577

■ 0.0000, 0.0000,
2.0519

■ 0.0000, 0.0000,
0.5869

■ 28.3821, 27.4251,
95.0645

■ 28.3821, 27.4251,
95.0645

■ 25.7888, 23.3490,
94.4151

■ 31.8476, 32.2833,
95.8202

■ 24.3559, 20.8515,
94.0085

■ 36.2919, 37.9887,
96.6872

■ 41.8079, 44.5994,
97.6725

■ 48.4757, 52.1666,
98.7817

■ 56.3672, 60.7365,
100.0199

■ 65.5478, 70.3519,
101.3920

■ 76.0780, 81.0527,
102.9025

■ 88.0145, 92.8765,
104.5556

■ 94.4127, 99.7451,
105.5441

Harmonies

Analogous

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



21.0144, 27.4251, 89.8980



28.3821, 27.4251, 95.0645



36.5370, 27.4251, 77.1211

Triad

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



28.3821, 27.4251, 95.0645



39.5204, 27.4251, 10.3378



14.5003, 27.4251, 16.8747

Complementary

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



28.3821, 27.4251, 95.0645



51.1303, 42.5037, 7.7968

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.



17.8163, 27.4251, 7.3957



28.3821, 27.4251, 95.0645



31.8701, 27.4251, 5.1344

Square

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



28.3821, 27.4251, 95.0645



43.7532, 27.4251, 23.8698



23.8808, 27.4251, 4.4185



13.9335, 27.4251, 36.7797

Rectangle

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



28.3821, 27.4251, 95.0645



40.9873, 27.4251, 58.0019



23.8808, 27.4251, 4.4185



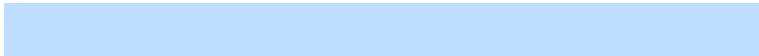
15.2936, 27.4251, 12.7138

Sweetspot

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



28.3833, 27.4259, 95.0652



65.7738, 70.6788, 104.7835



40.7620, 71.6159, 39.2833



13.3510, 14.3691, 22.3198



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.



28.3833, 27.4259, 95.0652



25.4308, 21.9342, 97.5011



19.2746, 9.2085, 92.0290



16.9786, 18.0341, 21.9714



12.9469, 11.2495, 49.4625



1.3048, 1.2532, 4.6163

Inverse Universe

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



45.6827, 24.2524, 28.6593



44.9771, 22.7991, 21.4726



74.7178, 89.6788, 15.6593



17.5958, 17.3657, 19.7270



22.8270, 11.5465, 11.0636



2.1675, 1.0907, 1.3055

Previews

White Background



This preview shows how the XYZ color 28.3821, 27.4251, 95.0645 looks on a white background.

Color Contrast Check

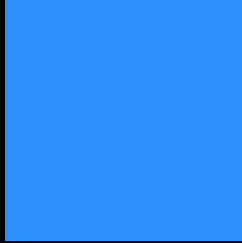
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.3821, 27.4251, 95.0645 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

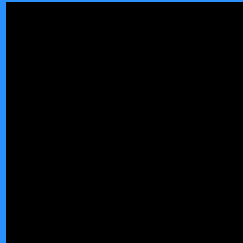
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

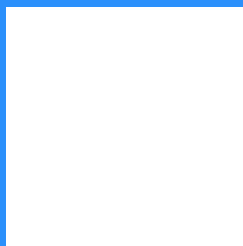
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 28.3821, 27.4251, 95.0645

Background



This preview shows how black text looks on a background with the XYZ color 28.3821, 27.4251, 95.0645.



This preview shows how white text looks on a background with the XYZ color 28.3821, 27.4251,

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

28.3821, 27.4251, 95.0645

Protanopia

30.1860, 27.1492, 90.0355

Deuteranopia

28.3821, 27.4251, 95.0645

Trichromacy



Original Color

28.3821, 27.4251, 95.0645

Protanomaly

29.0682, 26.9674, 91.6689

Deuteranomaly

28.3821, 27.4251, 95.0645

Monochromacy



Original Color

28.3821, 27.4251, 95.0645

Achromatopsia

19.8309, 20.8637, 22.7206

Achromatomaly

20.5621, 22.2021, 41.7298

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.3821, 27.4251, 95.0645 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(43, 144, 251)` looks like.

```
.text, #text, p{  
    color:rgb(43, 144, 251)  
}
```

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(43, 144, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(43, 144, 251) }
```

Border

The CSS property to change the border of an element to XYZ 28.3821, 27.4251, 95.0645 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(43, 144, 251) }
```

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

```
.border{ border-color:rgb(43, 144, 251) }
```

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

Here you see how a box with a 4 pixel rgb(43, 144, 251) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(43, 144, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(43, 144, 251);  
box-shadow:4px 4px 4px 4px rgb(43, 144,  
251) }
```


Background

The CSS property to change the background color of an element to XYZ 28.3821, 27.4251, 95.0645 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(43, 144, 251) }
```

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

```
.background{ background-color: rgb(43, 144,  
251) }
```

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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