

Converting Colors

XYZ(28.3316, 27.4835, 98.4194)

Have a look what the booklet for
XYZ(28.3316, 27.4835, 98.4194)
contains.

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Color

**XYZ(28.3724, 27.5724,
98.4344)**

Conversions

Conversions Part 1

Format	Color
Hex	0F91FF
RGB	15, 145, 255
RGB Percent	6%, 57%, 100%
CMY	0.9410, 0.4314, 0.0000
CMYK	0.94, 0.43, 0.00, 0.00
HSL	208°, 100%, 53%
HSV	208°, 94%, 100%
XYZ	28.3724, 27.5724, 98.4344
YIQ	118.6700, -112.7900, 6.6500

Conversions

Conversions Part 2

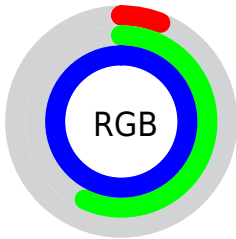
Format	Color
RYP	15, 99, 255
Decimal	1020415
CIELab	59.50, 8.73, -63.21
CIElCh	60, 63.813, 277.861
Yxy	27.5724, 0.1838, 0.1786
Android (android.graphics.Color)	4279210495 (0xFF0F91FF)
YUV	118.6700, 67.2107, -90.9186
Hunter-Lab	52.5094, 4.5573, -74.3887

Details

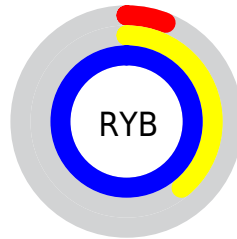
The XYZ color **28.3724, 27.5724, 98.4344** is a dark color, and the websafe version is hex **3399FF**. The color can be described as middle saturated azure. A complement of this color would be **48.6672, 35.9758, 4.8330**, and the grayscale version is **17.2564, 18.1551, 19.7709**.

A 20% lighter version of the original color is **45.1835, 51.1856, 102.1061**, and **14.2609, 12.3970, 54.4645** is the 20% darker color. If you saturate the color by 10%, you get **27.1527, 25.4253, 98.0842**, and if you desaturate by 10%, it is **30.9516, 31.6919, 99.0936**.

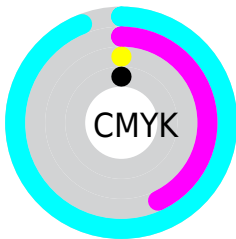
Distribution



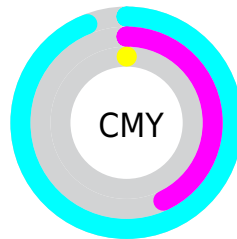
- Red (6%)
- Green (57%)
- Blue (100%)



- Red (6%)
- Yellow (39%)
- Blue (100%)



- Cyan (94%)
- Magenta (43%)
- Yellow (0%)
- Black (0%)



- Cyan (94%)
- Magenta (43%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.3724, 27.5724, 98.4344 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 28.3724, 27.5724, 98.4344 by changing the saturation by 10% instead.

■ 28.3724, 27.5724,
98.4344

■ 28.3724, 27.5724,
98.4344

286.2900,
290.4180, 576.3652

■ 18.7485, 18.0036,
74.3841

■ 56.4829, 55.8010,
161.0371

■ 11.5916, 10.9526,
54.6098

■ 75.7003, 75.2296,
200.4266

■ 6.5364, 6.0349,
38.6929

■ 98.8461, 98.7136,
245.7662

■ 3.2177, 2.8663,
26.2149

■ 126.2857,
126.6374, 297.4745

■ 1.2699, 1.0624,
16.7573

■ 158.3846,
159.3853, 355.9700

■ 0.1605, 0.0000,
9.9015

195.5080,

■ 0.0000, 0.0000,

197.3418, 421.6712

5.2289

238.0214,
240.8912, 494.9968

■ 0.0000, 0.0000,
2.3211

■ 0.0000, 0.0000,
0.7430

■ 28.3724, 27.5724,
98.4344

■ 28.3724, 27.5724,
98.4344

■ 27.1527, 25.4253,
98.0842

■ 30.9516, 31.6919,
99.0936

■ 34.3737, 36.5265,
99.8464

■ 38.7551, 42.1439,
100.6997

■ 44.1910, 48.6004,
101.6594

■ 50.7637, 55.9456,
102.7308

■ 58.5470, 64.2241,
103.9185

■ 67.6075, 73.4769,
105.2269

■ 78.0070, 83.7423,
106.6602

■ 89.8031, 95.0559,
108.2222

Harmonies

Analogous

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



20.8159, 27.5724, 92.2983



28.3724, 27.5724, 98.4344



36.8530, 27.5724, 80.1099

Triad

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



28.3724, 27.5724, 98.4344



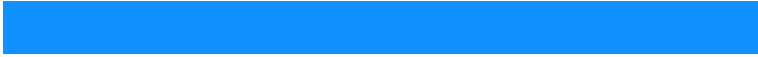
40.3593, 27.5724, 10.2590



14.3636, 27.5724, 16.2678

Complementary

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



28.3724, 27.5724, 98.4344



48.6672, 35.9758, 4.8330

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.



17.8380, 27.5724, 6.9146



28.3724, 27.5724, 98.4344



32.4562, 27.5724, 4.8847

Square

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



28.3724, 27.5724, 98.4344



44.6366, 27.5724, 24.3786



24.1542, 27.5724, 4.0862



13.7096, 27.5724, 36.4745

Rectangle

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



28.3724, 27.5724, 98.4344



41.5481, 27.5724, 60.1661



24.1542, 27.5724, 4.0862



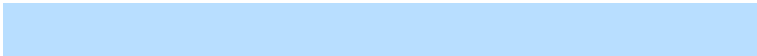
15.2003, 27.5724, 12.1271

Sweetspot

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



28.3735, 27.5731, 98.4344



63.9139, 69.7459, 104.7014



39.5350, 73.0529, 30.7659



12.8563, 14.0837, 22.2908



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.



28.3735, 27.5731, 98.4344



27.1527, 25.4253, 98.0842



18.6411, 8.1083, 95.1903



17.8181, 19.0078, 22.9797



14.3391, 13.5877, 51.3015



1.5055, 1.5416, 5.0315

Inverse Universe

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



46.5225, 23.6476, 28.9009



45.8346, 23.0978, 26.1248



73.3781, 85.3975, 13.0700



18.4208, 18.1516, 20.8332



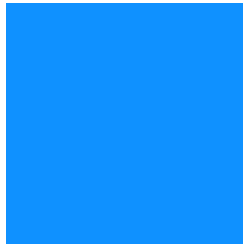
24.0259, 12.0996, 14.0527



2.3945, 1.2002, 1.6588

Previews

White Background



This preview shows how the XYZ color 28.3724, 27.5724, 98.4344 looks on a white background.

Color Contrast Check

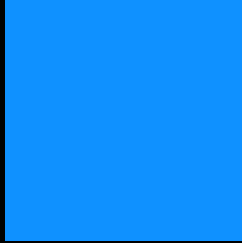
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.3724, 27.5724, 98.4344 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

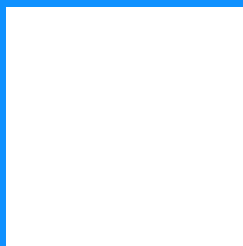
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 28.3724, 27.5724, 98.4344

Background



This preview shows how black text looks on a background with the XYZ color 28.3724, 27.5724, 98.4344.



This preview shows how white text looks on a background with the XYZ color 28.3724, 27.5724,

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

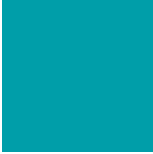
28.3724, 27.5724, 98.4344

Protanopia

30.7451, 27.5801, 93.3256

Deuteranopia

28.6274, 27.7038, 98.4463



Tritanopia

19.3883, 27.3183, 41.7872

Trichromacy



Original Color

28.3724, 27.5724, 98.4344

Protanomaly

29.0518, 27.1048, 94.9673

Deuteranomaly

28.5287, 27.6530, 98.4417

Tritanomaly

21.8791, 26.9849, 58.6990

Monochromacy



Original Color

28.3724, 27.5724, 98.4344

Achromatopsia

17.5343, 18.4475, 20.0893

Achromatomaly

18.1804, 20.0148, 39.9508

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.3724, 27.5724, 98.4344 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(15, 145, 255)` looks like.

```
.text, #text, p{  
    color:rgb(15, 145, 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(15, 145, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(15, 145, 255) }
```

Border

The CSS property to change the border of an element to XYZ 28.3724, 27.5724, 98.4344 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(15, 145, 255) }
```


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

```
.border{ border-color:rgb(15, 145, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(15, 145, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(15, 145, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(15, 145, 255);  
box-shadow:4px 4px 4px 4px rgb(15, 145,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 28.3724, 27.5724, 98.4344 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(15, 145, 255) }
```

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

```
.background{ background-color: rgb(15, 145,  
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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