

Converting Colors

XYZ(27.8531, 26.8247, 94.0700)

Have a look what the booklet for
XYZ(27.8531, 26.8247, 94.0700)
contains.

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Color

**XYZ(27.8034, 26.6992,
94.1306)**

Conversions

Conversions Part 1

Format	Color
Hex	288EFA
RGB	40, 142, 250
RGB Percent	16%, 56%, 98%
CMY	0.8430, 0.4431, 0.0196
CMYK	0.84, 0.43, 0.00, 0.02
HSL	211°, 95%, 57%
HSV	211°, 84%, 98%
XYZ	27.8034, 26.6992, 94.1306
YIQ	123.8140, -95.4600, 11.9640

Conversions

Conversions Part 2

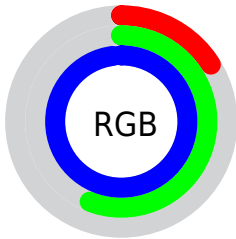
Format	Color
RYB	40, 109, 250
Decimal	2658042
CIELab	58.69, 9.95, -61.74
CIElCh	59, 62.538, 279.156
Yxy	26.6992, 0.1871, 0.1796
Android (android.graphics.Color)	4280848122 (0xFF288EFA)
YUV	123.8140, 62.2097, -73.5049
Hunter-Lab	51.6713, 5.6230, -71.8399

Details

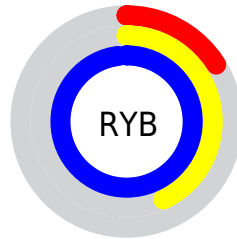
The XYZ color **27.8034, 26.6992, 94.1306** is a dark color, and the websafe version is hex **3399FF**. The color can be described as middle washed azure. A complement of this color would be **50.4018, 41.6649, 7.3953**, and the grayscale version is **18.9215, 19.9069, 21.6786**.

A 20% lighter version of the original color is **45.4503, 50.3152, 101.9241**, and **13.5400, 11.6790, 51.9927** is the 20% darker color. If you saturate the color by 10%, you get **25.3218, 22.7419, 93.4982**, and if you desaturate by 10%, it is **31.1350, 31.4227, 94.8674**.

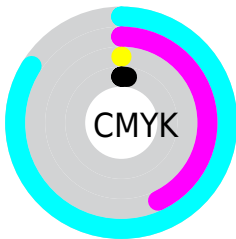
Distribution



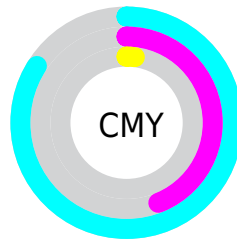
- Red (16%)
- Green (56%)
- Blue (98%)



- Red (16%)
- Yellow (43%)
- Blue (98%)



- Cyan (84%)
- Magenta (43%)
- Yellow (0%)
- Black (2%)



- Cyan (84%)
- Magenta (44%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.8034, 26.6992, 94.1306 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 27.8034, 26.6992, 94.1306 by changing the saturation by 10% instead.

■ 27.8034, 26.6992,
94.1306

■ 27.8034, 26.6992,
94.1306

283.6234,
286.1977, 562.2910

■ 18.3172, 17.3474,
70.8187

■ 55.5812, 54.4008,
155.0482

■ 11.2790, 10.4825,
51.7133

■ 74.6036, 73.5194,
193.4909

■ 6.3235, 5.7200,
36.3960

■ 97.5354, 96.6625,
237.8144

■ 3.0853, 2.6756,
24.4480

■ 124.7420,
124.2143, 288.4371

■ 1.1990, 0.9648,
15.4510

■ 156.5888,
156.5594, 345.7775

■ 0.1056, 0.0000,
8.9864

193.4410,

■ 0.0000, 0.0000,

194.0821, 410.2543

4.6356

235.6641,
237.1667, 482.2860

■ 0.0000, 0.0000,
1.9801

■ 0.0000, 0.0000,
0.5430

■ 27.8034, 26.6992,
94.1306

■ 27.8034, 26.6992,
94.1306

■ 25.3218, 22.7419,
93.4982

■ 31.1350, 31.4227,
94.8674

■ 24.1433, 20.6779,
93.1619

■ 35.4249, 36.9783,
95.7136

■ 40.7668, 43.4245,
96.6763

■ 47.2411, 50.8124,
97.7611

■ 54.9197, 59.1884,
98.9731

■ 63.8681, 68.5951,
100.3171

■ 74.1467, 79.0724,
101.7977

■ 85.8120, 90.6578,
103.4191

■ 94.2554, 99.6822,
104.7160

Harmonies

Analogous

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



20.4703, 26.6992, 89.3294



27.8034, 26.6992, 94.1306



35.9064, 26.6992, 75.8291

Triad

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



27.8034, 26.6992, 94.1306



38.6574, 26.6992, 9.6907



13.9138, 26.6992, 16.4554

Complementary

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



27.8034, 26.6992, 94.1306



50.4018, 41.6649, 7.3953

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.



17.1377, 26.6992, 7.0447



27.8034, 26.6992, 94.1306



31.0106, 26.6992, 4.7365

Square

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



27.8034, 26.6992, 94.1306



42.9547, 26.6992, 22.8390



23.0956, 26.6992, 4.1013



13.3982, 26.6992, 36.3442

Rectangle

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



27.8034, 26.6992, 94.1306



40.3081, 26.6992, 56.6387



23.0956, 26.6992, 4.1013



14.6802, 26.6992, 12.3149

Sweetspot

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



27.8046, 26.7000, 94.1313



65.7760, 70.6833, 104.7842



40.1737, 70.8680, 38.3546



13.3516, 14.3701, 22.3200



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.



27.8046, 26.7000, 94.1313



25.2379, 21.5958, 97.4460



18.8911, 8.8730, 91.1602



16.9788, 18.0345, 21.9714



12.9491, 11.2538, 49.4633



1.3050, 1.2536, 4.6164

Inverse Universe

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



45.0668, 23.7964, 27.8093



44.8681, 22.7113, 21.0355



73.9939, 88.8492, 15.2594



17.5959, 17.3657, 19.7275



22.8281, 11.5470, 11.0693



2.1676, 1.0908, 1.3061

Previews

White Background



This preview shows how the XYZ color 27.8034, 26.6992, 94.1306 looks on a white background.

Color Contrast Check

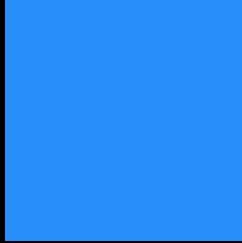
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.8034, 26.6992, 94.1306 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

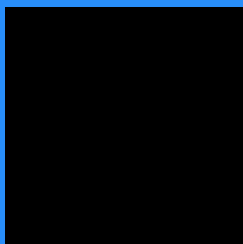
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

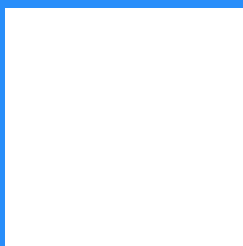
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 27.8034, 26.6992, 94.1306

Background



This preview shows how black text looks on a background with the XYZ color 27.8034, 26.6992, 94.1306.



This preview shows how white text looks on a background with the XYZ color 27.8034, 26.6992,

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

27.8034, 26.6992, 94.1306

Protanopia

29.7415, 26.7080, 89.9738

Deuteranopia

27.6215, 26.6055, 94.1220



Tritanopia

18.8635, 26.5670, 40.6929

Trichromacy



Original Color

27.8034, 26.6992, 94.1306

Protanomaly

28.6936, 26.5584, 91.6096

Deuteranomaly

27.6913, 26.6414, 94.1253

Tritanomaly

21.3417, 26.2660, 56.7683

Monochromacy



Original Color

27.8034, 26.6992, 94.1306

Achromatopsia

19.1579, 20.1556, 21.9495

Achromatomaly

19.8862, 21.4620, 41.1247

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.8034, 26.6992, 94.1306 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(40, 142, 250)` looks like.

```
.text, #text, p{  
  color:rgb(40, 142, 250)  
}
```

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(40, 142, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(40, 142, 250) }
```

Border

The CSS property to change the border of an element to XYZ 27.8034, 26.6992, 94.1306 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(40, 142, 250) }
```


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

```
.border{ border-color:rgb(40, 142, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(40, 142, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(40, 142, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(40, 142, 250);  
box-shadow:4px 4px 4px 4px rgb(40, 142,  
250) }
```

Background

The CSS property to change the background color of an element to XYZ 27.8034, 26.6992, 94.1306 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(40, 142, 250) }
```

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

```
.background{ background-color: rgb(40, 142,  
250) }
```

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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