

Converting Colors

XYZ(34.7393, 28.8933, 98.3537)

Have a look what the booklet for
XYZ(34.7393, 28.8933, 98.3537)
contains.

XYZ(34.7393, 28.8933, 98.3537)	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>	31

Color

**XYZ(34.7393, 28.8933,
98.3537)**

Conversions

Conversions Part 1

Format	Color
Hex	7988FF
RGB	121, 136, 255
RGB Percent	47%, 53%, 100%
CMY	0.5255, 0.4667, 0.0000
CMYK	0.53, 0.47, 0.00, 0.00
HSL	233°, 100%, 74%
HSV	233°, 53%, 100%
XYZ	34.7393, 28.8933, 98.3537
YIQ	145.0810, -47.1390, 33.8290

Conversions

Conversions Part 2

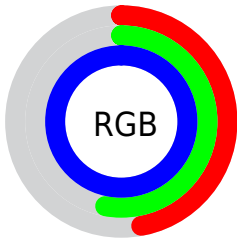
Format	Color
RYB	121, 134, 255
Decimal	7964927
CIELab	60.69, 26.94, -61.11
CIElCh	61, 66.789, 293.790
Yxy	28.8933, 0.2145, 0.1784
Android (android.graphics.Color)	4286155007 (0xFF7988FF)
YUV	145.0810, 54.1901, -21.1190
Hunter-Lab	53.7525, 21.2946, -70.8592

Details

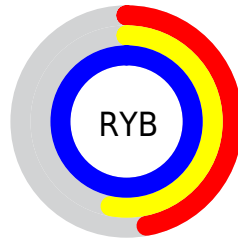
The XYZ color **34.7393, 28.8933, 98.3537** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **75.8529, 84.9634, 30.4928**, and the grayscale version is **26.7482, 28.1412, 30.6458**.

A 20% lighter version of the original color is **55.3037, 53.4389, 102.0077**, and **15.1736, 11.7175, 54.2853** is the 20% darker color. If you saturate the color by 10%, you get **28.7669, 21.5698, 97.2550**, and if you desaturate by 10%, it is **42.3319, 38.0528, 99.7215**.

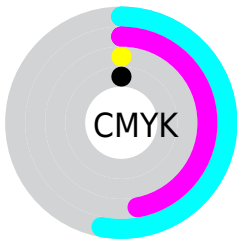
Distribution



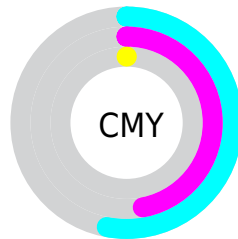
- Red (47%)
- Green (53%)
- Blue (100%)



- Red (47%)
- Yellow (53%)
- Blue (100%)



- Cyan (53%)
- Magenta (47%)
- Yellow (0%)
- Black (0%)



- Cyan (53%)
- Magenta (47%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.7393, 28.8933, 98.3537 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 34.7393, 28.8933, 98.3537 by changing the saturation by 10% instead.

■ 34.7393, 28.8933,
98.3537

■ 34.7393, 28.8933,
98.3537

314.9443,
296.7112, 576.1030

■ 23.6277, 19.0001,
74.3172

■ 66.4184, 57.9075,
160.9250

■ 15.1809, 11.6704,
54.5553

■ 87.7166, 77.7973,
200.2969

■ 9.0336, 6.5196,
38.6496

■ 113.1410,
101.7882, 245.6176

■ 4.8204, 3.1636,
26.1815

143.0571,
130.2644, 297.3058

■ 2.1759, 1.2177,
16.7325

177.8301,
163.6104, 355.7798

■ 0.7300, 0.0761,
9.8840

217.8254,

■ 0.0000, 0.0000,

202.2106, 421.4583

5.2175

263.4083,
246.4494, 494.7599

■ 0.0000, 0.0000,
2.3145

■ 0.0000, 0.0000,
0.7393

■ 34.7393, 28.8933,
98.3537

■ 34.7393, 28.8933,
98.3537

■ 28.7669, 21.5698,
97.2550

■ 42.3319, 38.0528,
99.7215

■ 24.2925, 15.9549,
96.4070

■ 51.6484, 49.1589,
101.3742

■ 21.1815, 11.9086,
95.7899

■ 62.7874, 62.3162,
103.3267

■ 19.2730, 9.2673,
95.3807

■ 75.8395, 77.6213,
105.5930

■ 18.4781, 8.0762,
95.1927

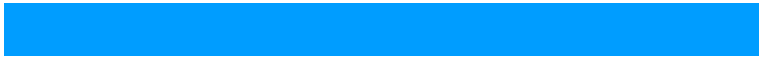
■ 90.8888, 95.1645,
108.1860

95.0500, 100.0000,
108.9000

Harmonies

Analogous

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



25.7005, 28.8933, 106.6388



34.7393, 28.8933, 98.3537



43.2023, 28.8933, 68.8639

Triad

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



34.7393, 28.8933, 98.3537



38.5167, 28.8933, 6.5413



14.0149, 28.8933, 26.5793

Complementary

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



34.7393, 28.8933, 98.3537



75.8529, 84.9634, 30.4928

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.



16.1016, 28.8933, 10.8645



34.7393, 28.8933, 98.3537



29.3026, 28.8933, 3.8815

Square

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



34.7393, 28.8933, 98.3537



45.6841, 28.8933, 15.8813



21.2797, 28.8933, 4.8931



14.8727, 28.8933, 54.8756

Rectangle

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



34.7393, 28.8933, 98.3537



46.7489, 28.8933, 46.7338



21.2797, 28.8933, 4.8931



14.3783, 28.8933, 19.9395

Sweetspot

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



34.7404, 28.8942, 98.3539



71.1105, 72.0873, 104.7741



59.2803, 81.8391, 94.6183



14.6412, 14.7504, 22.3254



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.



34.7404, 28.8942, 98.3539



28.5326, 21.2793, 97.2112



41.9828, 29.7089, 98.1294



17.1666, 17.7049, 22.7626



9.7072, 4.3239, 49.7576



0.9958, 0.5222, 4.8616

Inverse Universe

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



52.5222, 36.7138, 27.6115



48.2169, 30.5050, 18.7721



64.0137, 85.6866, 31.2564



18.0920, 18.0201, 19.1017



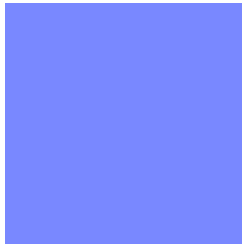
21.6879, 11.1645, 1.7411



2.1372, 1.0973, 0.3040

Previews

White Background



This preview shows how the XYZ color 34.7393, 28.8933, 98.3537 looks on a white background.

Color Contrast Check

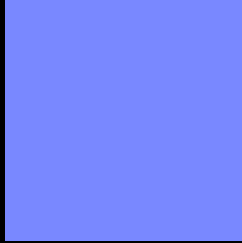
Large Text (above 18pt) WCAG AA ✓ Pass

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 34.7393, 28.8933, 98.3537 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 34.7393, 28.8933, 98.3537

Background



This preview shows how black text looks on a background with the XYZ color 34.7393, 28.8933, 98.3537.



This preview shows how white text looks on a background with the XYZ color 34.7393, 28.8933,

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

34.7393, 28.8933, 98.3537

Protanopia

32.3391, 28.9457, 98.4904

Deuteranopia

30.1472, 29.2322, 96.1489



Tritanopia

23.3700, 28.8794, 41.3883

Trichromacy



Original Color

34.7393, 28.8933, 98.3537

Protanomaly

33.1370, 28.9192, 98.4432

Deuteranomaly

31.2702, 28.8774, 96.8543

Tritanomaly

26.7663, 28.5486, 58.7433

Monochromacy



Original Color

34.7393, 28.8933, 98.3537

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

28.5833, 28.0830, 49.8130

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.7393, 28.8933, 98.3537 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(121, 136, 255)` looks like.

```
.text, #text, p{  
    color:rgb(121, 136, 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(121, 136, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 136, 255) }
```

Border

The CSS property to change the border of an element to XYZ 34.7393, 28.8933, 98.3537 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(121, 136, 255) }
```


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

```
.border{ border-color:rgb(121, 136, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 136, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 136, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 136, 255);  
box-shadow:4px 4px 4px 4px rgb(121, 136,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 34.7393, 28.8933, 98.3537 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 136, 255) }
```

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

```
.background{ background-color: rgb(121,  
136, 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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