

Converting Colors

XYZ(35.3242, 28.0911, 98.1681)

Have a look what the booklet for
XYZ(35.3242, 28.0911, 98.1681)
contains.

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Color

**XYZ(35.3722, 28.1984,
98.1863)**

Conversions

Conversions Part 1

Format	Color
Hex	8283FF
RGB	130, 131, 255
RGB Percent	51%, 51%, 100%
CMY	0.4902, 0.4863, 0.0000
CMYK	0.49, 0.49, 0.00, 0.00
HSL	240°, 100%, 75%
HSV	240°, 49%, 100%
XYZ	35.3722, 28.1984, 98.1863
YIQ	144.8370, -40.4000, 38.3520

Conversions

Conversions Part 2

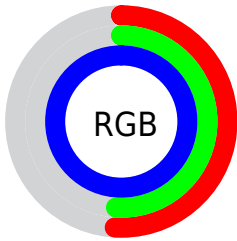
Format	Color
RYB	130, 131, 255
Decimal	8553471
CIELab	60.07, 31.77, -62.07
CIElCh	60, 69.731, 297.105
Yxy	28.1984, 0.2187, 0.1743
Android (android.graphics.Color)	4286743551 (0xFF8283FF)
YUV	144.8370, 54.3104, -13.0120
Hunter-Lab	53.1022, 25.9729, -72.4561

Details

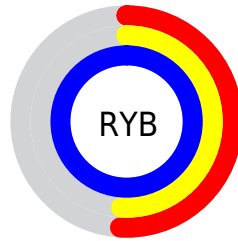
The XYZ color **35.3722, 28.1984, 98.1863** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **80.7127, 93.7581, 34.9642**, and the grayscale version is **26.6470, 28.0348, 30.5299**.

A 20% lighter version of the original color is **56.1768, 52.3198, 101.7456**, and **15.5496, 11.3310, 54.1909** is the 20% darker color. If you saturate the color by 10%, you get **28.9414, 20.4407, 97.0278**, and if you desaturate by 10%, it is **43.6034, 38.1159, 99.6667**.

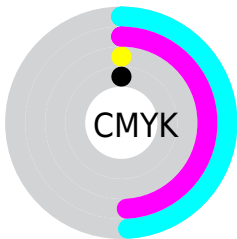
Distribution



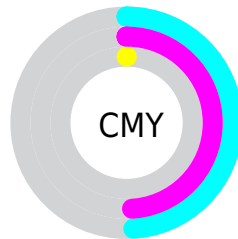
- Red (51%)
- Green (51%)
- Blue (100%)



- Red (51%)
- Yellow (51%)
- Blue (100%)



- Cyan (49%)
- Magenta (49%)
- Yellow (0%)
- Black (0%)



- Cyan (49%)
- Magenta (49%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.3722, 28.1984, 98.1863 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 35.3722, 28.1984, 98.1863 by changing the saturation by 10% instead.

■ 35.3722, 28.1984,
98.1863

■ 35.3722, 28.1984,
98.1863

317.6875,
293.4137, 575.5589

■ 24.1176, 18.4753,
74.1783

■ 67.3922, 56.8010,
160.6926

■ 15.5461, 11.2917,
54.4423

■ 88.8883, 76.4493,
200.0279

■ 9.2923, 6.2634,
38.5598

■ 114.5289,
100.1748, 245.3095

■ 4.9910, 3.0059,
26.1123

144.6794,
128.3619, 296.9557

■ 2.2767, 1.1348,
16.6811

179.7052,
161.3949, 355.3853

■ 0.7827, 0.0075,
9.8479

219.9715,

■ 0.0000, 0.0000,

199.6583, 421.0166

5.1939

265.8438,
243.5364, 494.2683

■ 0.0000, 0.0000,
2.3008

■ 0.0000, 0.0000,
0.7316

■ 35.3722, 28.1984,
98.1863

■ 35.3722, 28.1984,
98.1863

■ 28.9414, 20.4407,
97.0278

■ 43.6034, 38.1159,
99.6667

■ 24.1735, 14.6797,
96.1671

■ 53.7525, 50.3348,
101.4903

■ 20.9164, 10.7336,
95.5771

■ 65.9309, 64.9876,
103.6767

■ 18.9886, 8.3861,
95.2256

■ 80.2403, 82.1963,
106.2441

■ 18.1304, 7.3342,
95.0678

95.0500, 100.0000,
108.9000

■ 18.0721, 7.2641,
95.0574

Harmonies

Analogous

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



25.9473, 28.1984, 110.1831



35.3722, 28.1984, 98.1863



43.8767, 28.1984, 65.7204

Triad

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



35.3722, 28.1984, 98.1863



37.2028, 28.1984, 5.2082



13.0941, 28.1984, 28.2955

Complementary

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



35.3722, 28.1984, 98.1863



80.7127, 93.7581, 34.9642

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.



14.8548, 28.1984, 11.0467



35.3722, 28.1984, 98.1863



27.6747, 28.1984, 3.1673

Square

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



35.3722, 28.1984, 98.1863



45.0874, 28.1984, 13.3589



19.7412, 28.1984, 4.4864



14.2796, 28.1984, 58.8582

Rectangle

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



35.3722, 28.1984, 98.1863



47.1650, 28.1984, 42.9807



19.7412, 28.1984, 4.4864



13.3497, 28.1984, 21.0195

Sweetspot

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



35.3733, 28.1993, 98.1864



71.4180, 71.5874, 104.6614



62.6831, 83.3528, 105.6440



14.6608, 14.5703, 22.2896



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.



35.3733, 28.1993, 98.1864



28.9512, 20.4524, 97.0296



47.3735, 34.1880, 98.7098



17.0147, 17.4009, 22.7119



9.4481, 3.8057, 49.6712



0.9238, 0.3784, 4.8376

Inverse Universe

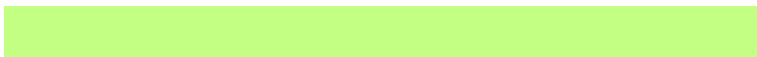
The Inverse Universe completely reimagines the original color for something new.



53.3202, 38.8655, 26.1648



48.8343, 32.3071, 17.2293



62.1885, 84.6789, 34.1880



18.0153, 17.9894, 18.6977



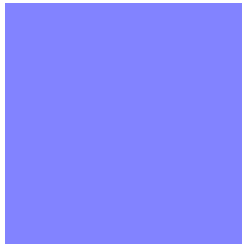
21.5571, 11.1121, 1.0524



2.1009, 1.0827, 0.1128

Previews

White Background



This preview shows how the XYZ color 35.3722, 28.1984, 98.1863 looks on a white background.

Color Contrast Check

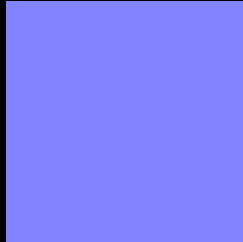
Large Text (above 18pt) WCAG AA ✓ Pass

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 35.3722, 28.1984, 98.1863 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

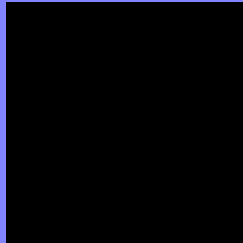
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 35.3722, 28.1984, 98.1863

Background



This preview shows how black text looks on a background with the XYZ color 35.3722, 28.1984, 98.1863.



This preview shows how white text looks on a background with the XYZ color 35.3722, 28.1984,

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

35.3722, 28.1984, 98.1863

Protanopia

31.8893, 28.4939, 98.4269

Deuteranopia

29.3788, 28.3927, 95.1987



Tritanopia

23.6133, 28.0566, 39.7682

Trichromacy



Original Color

35.3722, 28.1984, 98.1863

Protanomaly

32.8214, 28.1146, 98.3045

Deuteranomaly

30.7517, 27.9628, 95.8720

Tritanomaly

26.9764, 27.5344, 57.3190

Monochromacy



Original Color

35.3722, 28.1984, 98.1863

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

28.9503, 27.8344, 49.7457

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.3722, 28.1984, 98.1863 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(130, 131, 255)` looks like.

```
.text, #text, p{  
    color:rgb(130, 131, 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(130, 131, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 131, 255) }
```

Border

The CSS property to change the border of an element to XYZ 35.3722, 28.1984, 98.1863 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(130, 131, 255) }
```


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

```
.border{ border-color:rgb(130, 131, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 131, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 131, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 131, 255);  
box-shadow:4px 4px 4px 4px rgb(130, 131,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 35.3722, 28.1984, 98.1863 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 131, 255) }
```

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

```
.background{ background-color: rgb(130,  
131, 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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