

Converting Colors

XYZ(33.0967, 27.7151, 98.2129)

Have a look what the booklet for
XYZ(33.0967, 27.7151, 98.2129)
contains.

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Color

**XYZ(33.0055, 27.5852,
98.1926)**

Conversions

Conversions Part 1

Format	Color
Hex	6E86FF
RGB	110, 134, 255
RGB Percent	43%, 53%, 100%
CMY	0.5686, 0.4745, 0.0000
CMYK	0.57, 0.47, 0.00, 0.00
HSL	230°, 100%, 72%
HSV	230°, 57%, 100%
XYZ	33.0055, 27.5852, 98.1926
YIQ	140.6180, -53.1450, 32.5430

Conversions

Conversions Part 2

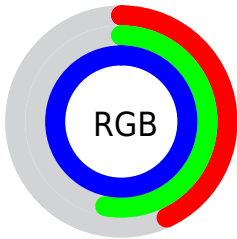
Format	Color
R _Y B	110, 131, 255
Decimal	7243519
CIE Lab	59.51, 25.96, -63.03
CIE LCh	60, 68.170, 292.382
Yxy	27.5852, 0.2079, 0.1737
Android (android.graphics.Color)	4285433599 (0xFF6E86FF)
YUV	140.6180, 56.3903, -26.8520
Hunter-Lab	52.5216, 20.2597, -74.0814

Details

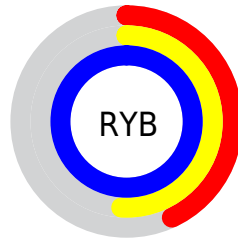
The XYZ color **33.0055, 27.5852, 98.1926** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **72.6324, 79.5411, 26.2787**, and the grayscale version is **24.9708, 26.2713, 28.6094**.

A 20% lighter version of the original color is **52.6149, 51.4186, 101.7594**, and **14.1632, 10.9596, 54.1922** is the 20% darker color. If you saturate the color by 10%, you get **27.6258, 20.8765, 97.1813**, and if you desaturate by 10%, it is **39.8917, 35.9496, 99.4442**.

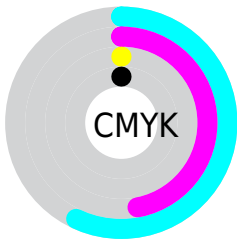
Distribution



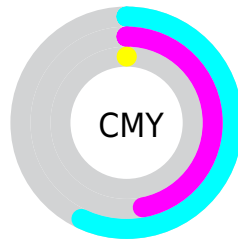
- Red (43%)
- Green (53%)
- Blue (100%)



- Red (43%)
- Yellow (51%)
- Blue (100%)



- Cyan (57%)
- Magenta (47%)
- Yellow (0%)
- Black (0%)



- Cyan (57%)
- Magenta (47%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 33.0055, 27.5852, 98.1926 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 33.0055, 27.5852, 98.1926 by changing the saturation by 10% instead.

■ 33.0055, 27.5852,
98.1926

■ 33.0055, 27.5852,
98.1926

307.3391,
290.4795, 575.5794

■ 22.2899, 18.0132,
74.1835

■ 63.7387, 55.8215,
160.7013

■ 14.1879, 10.9595,
54.4466

■ 84.4871, 75.2546,
200.0380

■ 8.3340, 6.0396,
38.5632

■ 109.3104, 98.7436,
245.3211

■ 4.3630, 2.8692,
26.1149

138.5741,
126.6727, 296.9689

■ 1.9095, 1.0638,
16.6831

172.6434,
159.4265, 355.4001

■ 0.5823, 0.0000,
9.8492

211.8838,

■ 0.0000, 0.0000,

197.3893, 421.0332

5.1948

256.6606,
240.9455, 494.2868

■ 0.0000, 0.0000,
2.3013

■ 0.0000, 0.0000,
0.7319

■ 33.0055, 27.5852,
98.1926

■ 33.0055, 27.5852,
98.1926

■ 27.6258, 20.8765,
97.1813

■ 39.8917, 35.9496,
99.4442

■ 23.6330, 15.7078,
96.3941

■ 48.3851, 46.0692,
100.9498

■ 20.8938, 11.9523,
95.8135

■ 58.5811, 58.0386,
102.7228

■ 19.2436, 9.4583,
95.4191

■ 70.5668, 71.9448,
104.7752

■ 18.8850, 8.8901,
95.3283

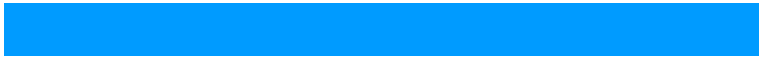
■ 84.4232, 87.8691,
107.1186

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.



24.0951, 27.5852, 105.2681



33.0055, 27.5852, 98.1926



41.5525, 27.5852, 69.0190

Triad

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



33.0055, 27.5852, 98.1926



37.6149, 27.5852, 6.0210



13.0454, 27.5852, 24.2051

Complementary

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



33.0055, 27.5852, 98.1926



72.6324, 79.5411, 26.2787

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.



15.2149, 27.5852, 9.4606



33.0055, 27.5852, 98.1926



28.4640, 27.5852, 3.3428

Square

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



33.0055, 27.5852, 98.1926



44.5924, 27.5852, 15.4140



20.4329, 27.5852, 4.1227



13.7456, 27.5852, 51.8210

Rectangle

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



33.0055, 27.5852, 98.1926



45.2631, 27.5852, 46.6982



20.4329, 27.5852, 4.1227



13.4433, 27.5852, 17.8991

Sweetspot

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



33.0066, 27.5860, 98.1927



70.3861, 71.7362, 104.7445



56.5917, 80.5956, 88.0527



14.5197, 14.7236, 22.3266



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.



33.0066, 27.5860, 98.1927



27.1028, 20.2116, 97.0805



37.7939, 25.6769, 97.5719



17.2458, 17.8633, 22.7889



9.9386, 4.7868, 49.8347



1.0329, 0.5965, 4.8740

Inverse Universe

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



51.1199, 34.1347, 26.4491



47.0578, 28.3667, 17.8313



64.2146, 85.8637, 27.9428



18.1320, 18.0361, 19.3121



21.8048, 11.2112, 2.3564



2.1560, 1.1048, 0.4027

Previews

White Background



This preview shows how the XYZ color 33.0055, 27.5852, 98.1926 looks on a white background.

Color Contrast Check

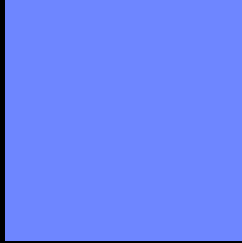
Large Text (above 18pt) WCAG AA ✓ Pass

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 33.0055, 27.5852, 98.1926 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

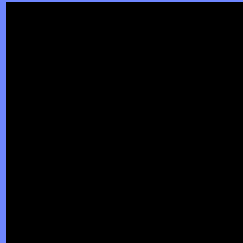
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 33.0055, 27.5852, 98.1926

Background



This preview shows how black text looks on a background with the XYZ color 33.0055, 27.5852, 98.1926.



This preview shows how white text looks on a background with the XYZ color 33.0055, 27.5852,

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

33.0055, 27.5852, 98.1926

Protanopia

31.2131, 27.7115, 98.3115

Deuteranopia

28.7348, 27.8145, 95.9497



Tritanopia

21.4323, 27.3971, 40.7178

Trichromacy



Original Color

33.0055, 27.5852, 98.1926

Protanomaly

31.7150, 27.5442, 98.2527

Deuteranomaly

29.6384, 27.3705, 96.6494

Tritanomaly

24.7670, 27.0657, 57.9517

Monochromacy



Original Color

33.0055, 27.5852, 98.1926

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

26.7379, 26.3002, 47.9232

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.0055, 27.5852, 98.1926 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(110, 134, 255)` looks like.

```
.text, #text, p{  
    color:rgb(110, 134, 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(110, 134, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 134, 255) }
```

Border

The CSS property to change the border of an element to XYZ 33.0055, 27.5852, 98.1926 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(110, 134, 255) }
```


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

```
.border{ border-color:rgb(110, 134, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 134, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 134, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 134, 255);  
box-shadow:4px 4px 4px 4px rgb(110, 134,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 33.0055, 27.5852, 98.1926 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 134, 255) }
```

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

```
.background{ background-color: rgb(110,  
134, 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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