

Converting Colors

XYZ(32.9081, 26.9774, 98.0805)

Have a look what the booklet for
XYZ(32.9081, 26.9774, 98.0805)
contains.

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Color

**XYZ(32.8484, 26.8973,
98.0681)**

Conversions

Conversions Part 1

Format	Color
Hex	7083FF
RGB	112, 131, 255
RGB Percent	44%, 51%, 100%
CMY	0.5608, 0.4863, 0.0000
CMYK	0.56, 0.49, 0.00, 0.00
HSL	232°, 100%, 72%
HSV	232°, 56%, 100%
XYZ	32.8484, 26.8973, 98.0681
YIQ	139.4550, -51.1280, 34.5360

Conversions

Conversions Part 2

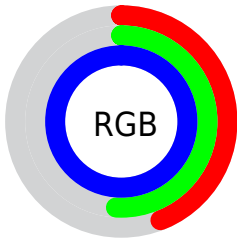
Format	Color
R_{YB}	112, 129, 255
Decimal	7373823
CIE _{Lab}	58.88, 28.13, -64.04
CIE _{LCh}	59, 69.949, 293.711
Yxy	26.8973, 0.2081, 0.1704
Android (android.graphics.Color)	4285563903 (0xFF7083FF)
YUV	139.4550, 56.9637, -24.0780
Hunter-Lab	51.8626, 22.2976, -75.8089

Details

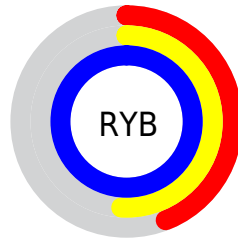
The XYZ color **32.8484, 26.8973, 98.0681** is a light color, and the websafe version is hex **6666CC**. A complement of this color would be **74.1624, 82.4246, 27.3322**, and the grayscale version is **24.5183, 25.7951, 28.0909**.

A 20% lighter version of the original color is **52.4241, 50.3852, 101.5700**, and **14.0502, 10.5580, 54.1207** is the 20% darker color. If you saturate the color by 10%, you get **27.3914, 20.1360, 97.0507**, and if you desaturate by 10%, it is **39.8598, 35.4011, 99.3400**.

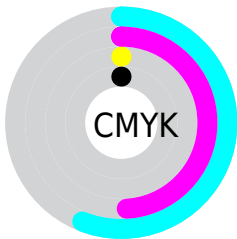
Distribution



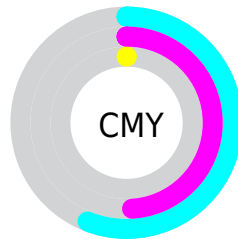
- Red (44%)
- Green (51%)
- Blue (100%)



- Red (44%)
- Yellow (51%)
- Blue (100%)



- Cyan (56%)
- Magenta (49%)
- Yellow (0%)
- Black (0%)



- Cyan (56%)
- Magenta (49%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.8484, 26.8973, 98.0681 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 32.8484, 26.8973, 98.0681 by changing the saturation by 10% instead.

■ 32.8484, 26.8973,
98.0681

■ 32.8484, 26.8973,
98.0681

306.6431,
287.1595, 575.1746

■ 22.1690, 17.4961,
74.0802

■ 63.4950, 54.7190,
160.5284

■ 14.0984, 10.5888,
54.3625

■ 84.1930, 73.9083,
199.8380

■ 8.2713, 5.7911,
38.4964

■ 108.9612, 97.1292,
245.0918

■ 4.3223, 2.7185,
26.0634

138.1650,
124.7659, 296.7085

■ 1.8860, 0.9866,
16.6449

172.1697,
157.2029, 355.1066

■ 0.5687, 0.0000,
9.8224

211.3407,

■ 0.0000, 0.0000,

194.8245, 420.7046

5.1773

256.0434,
238.0153, 493.9211

■ 0.0000, 0.0000,
2.2911

■ 0.0000, 0.0000,
0.7262

■ 32.8484, 26.8973,
98.0681

■ 32.8484, 26.8973,
98.0681

■ 27.3914, 20.1360,
97.0507

■ 39.8598, 35.4011,
99.3400

■ 23.3650, 14.9924,
96.2701

■ 48.5299, 45.7556,
100.8817

■ 20.6315, 11.3282,
95.7069

■ 58.9577, 58.0628,
102.7076

■ 19.0229, 8.9798,
95.3384

■ 71.2335, 72.4167,
104.8312

■ 18.6184, 8.3567,
95.2395

■ 85.4411, 88.9050,
107.2649

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.



23.7871, 26.8973, 106.6602



32.8484, 26.8973, 98.0681



41.4395, 26.8973, 67.4618

Triad

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



32.8484, 26.8973, 98.0681



36.7187, 26.8973, 5.2341



12.3470, 26.8973, 24.3752

Complementary

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



32.8484, 26.8973, 98.0681



74.1624, 82.4246, 27.3322

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.



14.3715, 26.8973, 9.1812



32.8484, 26.8973, 98.0681



27.4295, 26.8973, 2.8777

Square

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



32.8484, 26.8973, 98.0681



44.0032, 26.8973, 14.0121



19.4467, 26.8973, 3.7477



13.1666, 26.8973, 52.9022

Rectangle

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



32.8484, 26.8973, 98.0681



45.0686, 26.8973, 44.7706



19.4467, 26.8973, 3.7477



12.6994, 26.8973, 17.8609

Sweetspot

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



32.8495, 26.8981, 98.0682



70.0188, 71.0015, 104.6220



57.5738, 81.0175, 91.9104



14.4340, 14.5524, 22.2981



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.



32.8495, 26.8981, 98.0682



26.9610, 19.5946, 96.9689



39.2454, 26.7492, 97.7024



17.1975, 17.7666, 22.7728



9.7878, 4.4852, 49.7844



1.0102, 0.5511, 4.8664

Inverse Universe

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



51.1318, 34.4887, 25.4351



47.0676, 28.6822, 16.9224



63.1965, 85.3262, 28.4702



18.1076, 18.0263, 19.1837



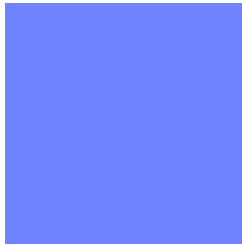
21.7286, 11.1807, 1.9556



2.1445, 1.1002, 0.3425

Previews

White Background



This preview shows how the XYZ color 32.8484, 26.8973, 98.0681 looks on a white background.

Color Contrast Check

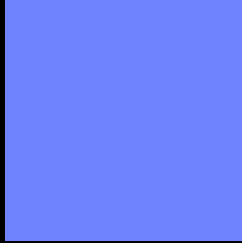
Large Text (above 18pt) WCAG AA ✓ Pass

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 32.8484, 26.8973, 98.0681 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

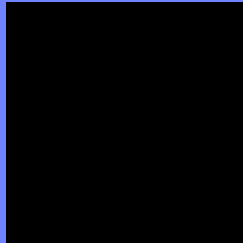
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 32.8484, 26.8973, 98.0681

Background



This preview shows how black text looks on a background with the XYZ color 32.8484, 26.8973, 98.0681.



This preview shows how white text looks on a background with the XYZ color 32.8484, 26.8973,

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

32.8484, 26.8973, 98.0681

Protanopia

30.5629, 26.9503, 98.1988

Deuteranopia

27.9888, 26.9803, 95.8280



Tritanopia

21.1617, 26.7928, 39.6535

Trichromacy



Original Color

32.8484, 26.8973, 98.0681

Protanomaly

31.3301, 26.9276, 98.1540

Deuteranomaly

28.8867, 26.5492, 96.5305

Tritanomaly

24.3828, 26.1974, 57.1976

Monochromacy



Original Color

32.8484, 26.8973, 98.0681

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

26.1979, 25.6116, 47.2788

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.8484, 26.8973, 98.0681 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(112, 131, 255)` looks like.

```
.text, #text, p{  
    color:rgb(112, 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(112, 131, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 131, 255) }
```

Border

The CSS property to change the border of an element to XYZ 32.8484, 26.8973, 98.0681 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(112, 131, 255) }
```


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

```
.border{ border-color:rgb(112, 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(112, 131, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 131, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 131, 255);  
box-shadow:4px 4px 4px 4px rgb(112, 131,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 32.8484, 26.8973, 98.0681 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 131, 255) }
```

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

```
.background{ background-color: rgb(112,  
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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