

Converting Colors

XYZ(28.3788, 26.3984, 62.6312)

Have a look what the booklet for
XYZ(28.3788, 26.3984, 62.6312)
contains.

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Color

**XYZ(28.3788, 26.3984,
62.6312)**

Conversions

Conversions Part 1

Format	Color
Hex	7C88CF
RGB	124, 136, 207
RGB Percent	49%, 53%, 81%
CMY	0.5137, 0.4667, 0.1882
CMYK	0.40, 0.34, 0.00, 0.19
HSL	231°, 46%, 65%
HSV	231°, 40%, 81%
XYZ	28.3788, 26.3984, 62.6312
YIQ	140.5060, -29.9430, 19.5370

Conversions

Conversions Part 2

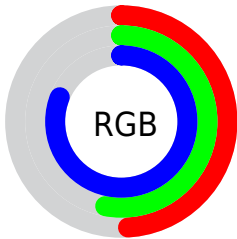
Format	Color
RYB	124, 134, 207
Decimal	8161487
CIELab	58.41, 13.44, -38.03
CIELCh	58, 40.337, 289.462
Yxy	26.3984, 0.2417, 0.2248
Android (android.graphics.Color)	4286351567 (0xFF7C88CF)
YUV	140.5060, 32.7815, -14.4758
Hunter-Lab	51.3794, 8.6785, -36.3087

Details

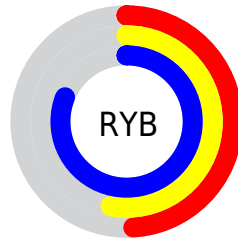
The XYZ color **28.3788, 26.3984, 62.6312** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **48.8862, 53.7518, 26.8685**, and the grayscale version is **25.0096, 26.3120, 28.6538**.

A 20% lighter version of the original color is **54.8380, 53.1989, 101.9859**, and **11.6015, 10.3855, 31.0989** is the 20% darker color. If you saturate the color by 10%, you get **23.4042, 20.4330, 61.7425**, and if you desaturate by 10%, it is **34.3952, 33.5134, 63.6879**.

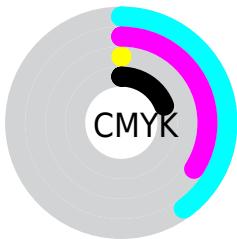
Distribution



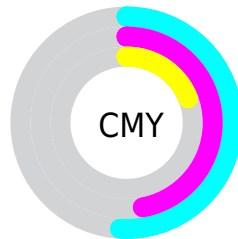
- Red (49%)
- Green (53%)
- Blue (81%)



- Red (49%)
- Yellow (53%)
- Blue (81%)



- Cyan (40%)
- Magenta (34%)
- Yellow (0%)
- Black (19%)



- Cyan (51%)
- Magenta (47%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.3788, 26.3984, 62.6312 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 28.3788, 26.3984, 62.6312 by changing the saturation by 10% instead.

■ 28.3788, 26.3984,
62.6312

■ 28.3788, 26.3984,
62.6312

286.3199,
284.7324, 452.3008

■ 18.7533, 17.1219,
45.1038

■ 56.4931, 53.9170,
110.2177

■ 11.5951, 10.3215,
31.1957

■ 75.7126, 72.9279,
141.1139

■ 6.5388, 5.6126,
20.4882

■ 98.8608, 95.9523,
177.3035

■ 3.2192, 2.6110,
12.5628

126.3030,
123.3748, 219.2050

■ 1.2707, 0.9322,
7.0010

158.4047,
155.5796, 267.2369

■ 0.1611, 0.0000,
3.3843

195.5312,

■ 0.0000, 0.0000,

192.9512, 321.8179

1.2940

238.0478,
235.8740, 383.3663

■ 0.0000, 0.0000,
0.0569

■ 0.0000, 0.0000,
0.0000

■ 28.3788, 26.3984,
62.6312

■ 28.3788, 26.3984,
62.6312

■ 23.4042, 20.4330,
61.7425

■ 34.3952, 33.5134,
63.6879

■ 19.4087, 15.5535,
61.0112

■ 41.5056, 41.8314,
64.9187

■ 16.3272, 11.6942,
60.4287

■ 49.7619, 51.4060,
66.3316

■ 14.0854, 8.7811,
59.9846

■ 59.2121, 62.2866,
67.9337

■ 12.5966, 6.7295,
59.6670

■ 69.9012, 74.5198,
69.7316

■ 11.7250, 5.4299,
59.4621

■ 81.8720, 88.1502,
71.7316

■ 88.2626, 97.2850,
73.1580

Harmonies

Analogous

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



23.3991, 26.3984, 64.4840



28.3788, 26.3984, 62.6312



32.9944, 26.3984, 50.2102

Triad

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



28.3788, 26.3984, 62.6312



31.7602, 26.3984, 12.6708



16.8875, 26.3984, 24.0646

Complementary

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



28.3788, 26.3984, 62.6312



48.8862, 53.7518, 26.8685

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.



18.5625, 26.3984, 14.4781



28.3788, 26.3984, 62.6312



26.8623, 26.3984, 9.4796

Square

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



28.3788, 26.3984, 62.6312



35.1164, 26.3984, 20.6239



22.0673, 26.3984, 10.0103



17.1820, 26.3984, 38.7552

Rectangle

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



28.3788, 26.3984, 62.6312



35.0404, 26.3984, 39.3424



22.0673, 26.3984, 10.0103



17.2293, 26.3984, 20.2425

Sweetspot

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



28.3798, 26.3994, 62.6318



76.8852, 79.0725, 105.8180



40.4253, 52.8312, 59.4309



16.0700, 16.4773, 22.5834



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.



28.3798, 26.3994, 62.6318



38.6134, 34.0812, 99.1509



31.6174, 25.6986, 62.3259



11.2996, 11.6895, 14.9044



7.4294, 3.5054, 37.4775



0.4608, 0.2867, 2.1106

Inverse Universe

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



37.3845, 29.4593, 27.0093



55.1017, 40.1373, 33.8222



44.3003, 55.5406, 27.4554



11.8774, 11.8357, 12.6301



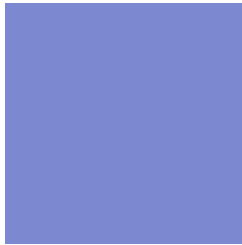
16.3807, 8.4251, 1.6452



0.9388, 0.4802, 0.2126

Previews

White Background



This preview shows how the XYZ color 28.3788, 26.3984, 62.6312 looks on a white background.

Color Contrast Check

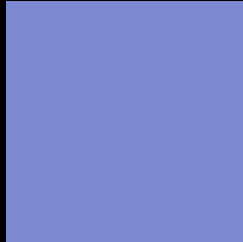
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.3788, 26.3984, 62.6312 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 28.3788, 26.3984, 62.6312

Background



This preview shows how black text looks on a background with the XYZ color 28.3788, 26.3984, 62.6312.



This preview shows how white text looks on a background with the XYZ color 28.3788, 26.3984,

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

28.3788, 26.3984, 62.6312

Protanopia

27.7996, 26.4934, 63.9701

Deuteranopia

27.0553, 26.3662, 62.0557



Tritanopia

23.1325, 26.4711, 36.2380

Trichromacy



Original Color

28.3788, 26.3984, 62.6312

Protanomaly

27.9386, 26.3673, 63.2914

Deuteranomaly

27.4315, 26.3462, 62.0320

Tritanomaly

24.7119, 26.1936, 44.8277

Monochromacy



Original Color

28.3788, 26.3984, 62.6312

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

26.0158, 26.3327, 39.3089

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.3788, 26.3984, 62.6312 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(124, 136, 207)` looks like.

```
.text, #text, p{  
    color:rgb(124, 136, 207)  
}
```

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(124, 136, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 136, 207) }
```

Border

The CSS property to change the border of an element to XYZ 28.3788, 26.3984, 62.6312 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(124, 136, 207) }
```


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

```
.border{ border-color:rgb(124, 136, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 136, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 136, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 136, 207);  
box-shadow:4px 4px 4px 4px rgb(124, 136,  
207) }
```

Background

The CSS property to change the background color of an element to XYZ 28.3788, 26.3984, 62.6312 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 136, 207) }
```

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

```
.background{ background-color: rgb(124,  
136, 207) }
```

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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