

Converting Colors

XYZ(28.4120, 26.2809, 60.7034)

Have a look what the booklet for
XYZ(28.4120, 26.2809, 60.7034)
contains.

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Color

**XYZ(28.4651, 26.2768,
60.6984)**

Conversions

Conversions Part 1

Format	Color
Hex	8087CC
RGB	128, 135, 204
RGB Percent	50%, 53%, 80%
CMY	0.4980, 0.4706, 0.2000
CMYK	0.37, 0.34, 0.00, 0.20
HSL	234°, 43%, 65%
HSV	234°, 37%, 80%
XYZ	28.4651, 26.2768, 60.6984
YIQ	140.7730, -26.3210, 19.9750

Conversions

Conversions Part 2

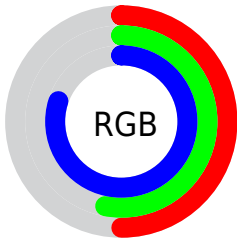
Format	Color
R_{YB}	128, 134, 204
Decimal	8423372
CIE Lab	58.30, 14.27, -36.50
CIE LCh	58, 39.191, 291.354
Yxy	26.2768, 0.2466, 0.2276
Android (android.graphics.Color)	4286613452 (0xFF8087CC)
YUV	140.7730, 31.1709, -11.2019
Hunter-Lab	51.2609, 9.4142, -34.3231

Details

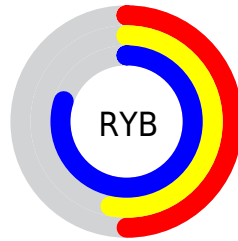
The XYZ color **28.4651, 26.2768, 60.6984** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **48.7650, 54.3290, 28.3394**, and the grayscale version is **25.1187, 26.4268, 28.7788**.

A 20% lighter version of the original color is **55.5617, 53.2537, 101.9583**, and **11.6543, 10.3214, 29.8117** is the 20% darker color. If you saturate the color by 10%, you get **23.3364, 20.1251, 59.7818**, and if you desaturate by 10%, it is **34.6621, 33.6475, 61.7950**.

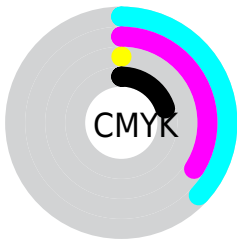
Distribution



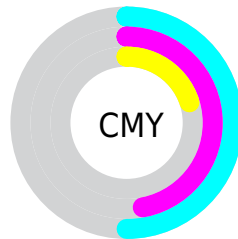
- Red (50%)
- Green (53%)
- Blue (80%)



- Red (50%)
- Yellow (53%)
- Blue (80%)



- Cyan (37%)
- Magenta (34%)
- Yellow (0%)
- Black (20%)



- Cyan (50%)
- Magenta (47%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.4651, 26.2768, 60.6984 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 28.4651, 26.2768, 60.6984 by changing the saturation by 10% instead.

■ 28.4651, 26.2768,
60.6984

■ 28.4651, 26.2768,
60.6984

286.7227,
284.1382, 445.0432

■ 18.8188, 17.0308,
43.5528

■ 56.6296, 53.7212,
107.3954

■ 11.6426, 10.2565,
29.9845

■ 75.8785, 72.6883,
137.7839

■ 6.5713, 5.5693,
19.5749

■ 99.0590, 95.6647,
173.4238

■ 3.2394, 2.5850,
11.9054

126.5365,
123.0347, 214.7336

■ 1.2816, 0.9191,
6.5575

158.6762,
155.1826, 262.1320

■ 0.1694, 0.0000,
3.1127

195.8435,

■ 0.0000, 0.0000,

192.4929, 316.0373

1.1525

238.4039,
235.3500, 376.8682

■ 0.0000, 0.0000,
0.0000

■ 28.4651, 26.2768,
60.6984

■ 28.4651, 26.2768,
60.6984

■ 23.3364, 20.1251,
59.7818

■ 34.6621, 33.6475,
61.7950

■ 19.2126, 15.1237,
59.0338

■ 41.9802, 42.2951,
63.0784

■ 16.0282, 11.2016,
58.4446

■ 50.4722, 52.2771,
64.5575

■ 13.7085, 8.2787,
58.0027

■ 60.1865, 63.6468,
66.2401

■ 12.1674, 6.2636,
57.6949

■ 71.1691, 76.4547,
68.1334

■ 11.2934, 5.0440,
57.5056

■ 83.4633, 90.7485,
70.2445

■ 11.1285, 4.8183,
57.4707

■ 87.8992, 97.1397,
71.2443

Harmonies

Analogous

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



23.6222, 26.2768, 63.2163



28.4651, 26.2768, 60.6984



32.8429, 26.2768, 48.3430

Triad

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



28.4651, 26.2768, 60.6984



31.1502, 26.2768, 12.6118



16.9629, 26.2768, 24.8423

Complementary

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



28.4651, 26.2768, 60.6984



48.7650, 54.3290, 28.3394

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.



18.4767, 26.2768, 15.1454



28.4651, 26.2768, 60.6984



26.3792, 26.2768, 9.7103

Square

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



28.4651, 26.2768, 60.6984



34.5252, 26.2768, 20.0746



21.7831, 26.2768, 10.4608



17.3720, 26.2768, 39.2778

Rectangle

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



28.4651, 26.2768, 60.6984



34.7095, 26.2768, 37.8546



21.7831, 26.2768, 10.4608



17.2559, 26.2768, 21.0098

Sweetspot

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



28.4660, 26.2778, 60.6990



77.8800, 79.8771, 105.9209



40.5051, 51.7793, 60.3237



16.2537, 16.6083, 22.5990



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.



28.4660, 26.2778, 60.6990



39.9449, 34.8923, 99.2373



32.7985, 27.1087, 60.6311



10.6835, 11.0074, 14.1319



7.0346, 3.0932, 36.1826



0.3921, 0.2180, 1.8764

Inverse Universe

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



36.9950, 30.0259, 26.7684



56.2259, 42.3178, 34.4059



42.8564, 53.6977, 28.5290



11.2536, 11.2302, 11.8700



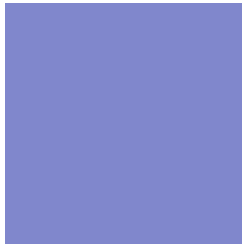
15.7617, 8.1153, 1.1976



0.8279, 0.4246, 0.1395

Previews

White Background



This preview shows how the XYZ color 28.4651, 26.2768, 60.6984 looks on a white background.

Color Contrast Check

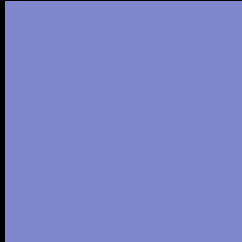
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.4651, 26.2768, 60.6984 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 28.4651, 26.2768, 60.6984

Background



This preview shows how black text looks on a background with the XYZ color 28.4651, 26.2768, 60.6984.



This preview shows how white text looks on a background with the XYZ color 28.4651, 26.2768,

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

28.4651, 26.2768, 60.6984

Protanopia

27.5652, 26.4151, 62.0383

Deuteranopia

26.9515, 26.3544, 60.1663



Tritanopia

23.4623, 26.4330, 35.3180

Trichromacy



Original Color

28.4651, 26.2768, 60.6984

Protanomaly

27.8503, 26.3640, 61.3785

Deuteranomaly

27.4757, 26.4107, 60.1496

Tritanomaly

24.9529, 26.1318, 43.2640

Monochromacy



Original Color

28.4651, 26.2768, 60.6984

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

26.0868, 26.3798, 38.8388

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.4651, 26.2768, 60.6984 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(128, 135, 204)` looks like.

```
.text, #text, p{  
    color:rgb(128, 135, 204)  
}
```

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(128, 135, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 135, 204) }
```

Border

The CSS property to change the border of an element to XYZ 28.4651, 26.2768, 60.6984 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(128, 135, 204) }
```


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

```
.border{ border-color:rgb(128, 135, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 135, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 135, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 135, 204);  
box-shadow:4px 4px 4px 4px rgb(128, 135,  
204) }
```

Background

The CSS property to change the background color of an element to XYZ 28.4651, 26.2768, 60.6984 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 135, 204) }
```

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

```
.background{ background-color: rgb(128,  
135, 204) }
```

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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