

Converting Colors

XYZ(28.7998, 26.8552, 57.8373)

Have a look what the booklet for
XYZ(28.7998, 26.8552, 57.8373)
contains.

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Color

**XYZ(28.7702, 26.9204,
57.7126)**

Conversions

Conversions Part 1

Format	Color
Hex	8489C7
RGB	132, 137, 199
RGB Percent	52%, 54%, 78%
CMY	0.4823, 0.4627, 0.2196
CMYK	0.34, 0.31, 0.00, 0.22
HSL	236°, 37%, 65%
HSV	236°, 34%, 78%
XYZ	28.7702, 26.9204, 57.7126
YIQ	142.5730, -22.8820, 18.2220

Conversions

Conversions Part 2

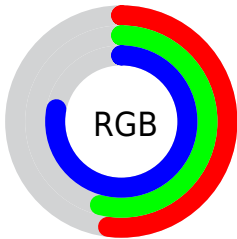
Format	Color
R_{YB}	132, 137, 199
Decimal	8686023
CIE _{Lab}	58.90, 12.87, -32.72
CIE _{LCh}	59, 35.158, 291.470
Yxy	26.9204, 0.2537, 0.2374
Android (android.graphics.Color)	4286876103 (0xFF8489C7)
YUV	142.5730, 27.8185, -9.2725
Hunter-Lab	51.8849, 8.1799, -29.6301

Details

The XYZ color **28.7702, 26.9204, 57.7126** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **47.0105, 52.3923, 29.4659**, and the grayscale version is **25.8386, 27.1842, 29.6036**.

A 20% lighter version of the original color is **56.9570, 54.6117, 102.1469**, and **11.8273, 10.5662, 28.2042** is the 20% darker color. If you saturate the color by 10%, you get **23.5520, 20.6708, 56.7818**, and if you desaturate by 10%, it is **35.0307, 34.3716, 58.8213**.

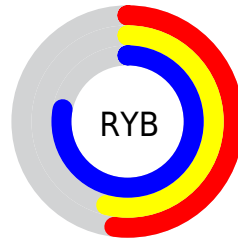
Distribution



Red (52%)

Green (54%)

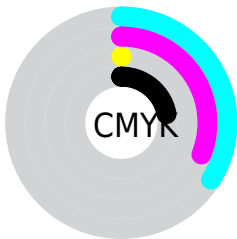
Blue (78%)



Red (52%)

Yellow (54%)

Blue (78%)

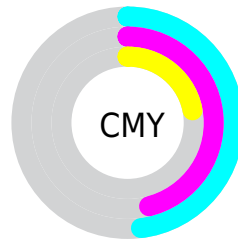


Cyan (34%)

Magenta (31%)

Yellow (0%)

Black (22%)



Cyan (48%)

Magenta (46%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.7702, 26.9204, 57.7126 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 28.7702, 26.9204, 57.7126 by changing the saturation by 10% instead.

■ 28.7702, 26.9204,
57.7126

■ 28.7702, 26.9204,
57.7126

288.1430,
287.2715, 433.6825

■ 19.0505, 17.5134,
41.1645

■ 57.1119, 54.7561,
103.0149

■ 11.8110, 10.6012,
28.1270

■ 76.4645, 73.9537,
132.6061

■ 6.6864, 5.7994,
18.1815

■ 99.7588, 97.1835,
167.3820

■ 3.3113, 2.7235,
10.9096

127.3602,
124.8301, 207.7613

■ 1.3205, 0.9891,
5.8927

159.6339,
157.2778, 254.1625

■ 0.1985, 0.0000,
2.7122

196.9454,

■ 0.0000, 0.0000,

194.9110, 307.0040

0.9496

239.6599,
238.1141, 366.7045

■ 0.0000, 0.0000,
0.0000

■ 28.7702, 26.9204,
57.7126

■ 28.7702, 26.9204,
57.7126

■ 23.5520, 20.6708,
56.7818

■ 35.0307, 34.3716,
58.8213

■ 19.3166, 15.5568,
56.0180

■ 42.3828, 43.0795,
60.1146

■ 16.0031, 11.5110,
55.4117

■ 50.8762, 53.0995,
61.6011

■ 13.5424, 8.4574,
54.9520

■ 60.5567, 64.4829,
63.2881

■ 11.8559, 6.3100,
54.6264

■ 71.4675, 77.2781,
65.1827

■ 10.8499, 4.9678,
54.4203

■ 83.6498, 91.5313,
67.2918

■ 10.4776, 4.4610,
54.3421

■ 87.3089, 96.9036,
68.1359

Harmonies

Analogous

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



24.3670, 26.9204, 59.9341



28.7702, 26.9204, 57.7126



32.6993, 26.9204, 46.8972

Triad

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



28.7702, 26.9204, 57.7126



31.1556, 26.9204, 14.2890



18.1785, 26.9204, 25.9020

Complementary

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



28.7702, 26.9204, 57.7126



47.0105, 52.3923, 29.4659

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.



19.5890, 26.9204, 16.7847



28.7702, 26.9204, 57.7126



26.8471, 26.9204, 11.4384

Square

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



28.7702, 26.9204, 57.7126



34.1814, 26.9204, 21.3934



22.6478, 26.9204, 12.2004



18.5695, 26.9204, 38.9763

Rectangle

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



28.7702, 26.9204, 57.7126



34.3596, 26.9204, 37.5975



22.6478, 26.9204, 12.2004



18.4513, 26.9204, 22.3426

Sweetspot

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



28.7711, 26.9214, 57.7132



79.2117, 81.3380, 106.1326



39.6121, 49.6219, 58.1869



16.5143, 16.8899, 22.6396



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.



28.7711, 26.9214, 57.7132



43.8640, 39.3465, 99.8905



33.0415, 28.0921, 57.7141



10.1192, 10.4125, 13.3940



6.7624, 2.9188, 34.9513



0.3428, 0.1834, 1.6625

Inverse Universe

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



36.3206, 30.4518, 27.6314



59.0301, 46.6020, 39.4228



41.4018, 51.1807, 29.5277



10.6654, 10.6496, 11.2215



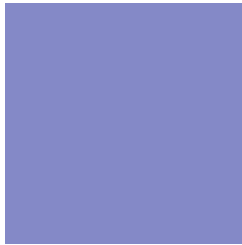
15.2127, 7.8346, 1.0640



0.7317, 0.3755, 0.1104

Previews

White Background



This preview shows how the XYZ color 28.7702, 26.9204, 57.7126 looks on a white background.

Color Contrast Check

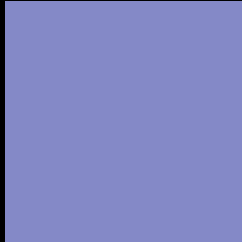
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.7702, 26.9204, 57.7126 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

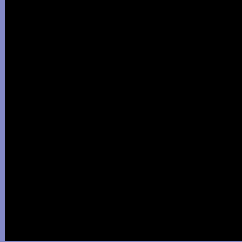
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 28.7702, 26.9204, 57.7126

Background



This preview shows how black text looks on a background with the XYZ color 28.7702, 26.9204, 57.7126.



This preview shows how white text looks on a background with the XYZ color 28.7702, 26.9204,

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

28.7702, 26.9204, 57.7126

Protanopia

27.8013, 26.8199, 58.9698

Deuteranopia

27.5972, 26.9710, 57.1775



Tritanopia

24.3796, 26.8961, 35.8048

Trichromacy



Original Color

28.7702, 26.9204, 57.7126

Protanomaly

28.1180, 26.7827, 58.3312

Deuteranomaly

28.0298, 26.9781, 57.1560

Tritanomaly

25.7236, 26.7602, 42.8392

Monochromacy



Original Color

28.7702, 26.9204, 57.7126

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

26.7832, 27.1831, 38.4856

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.7702, 26.9204, 57.7126 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(132, 137, 199)` looks like.

```
.text, #text, p{  
    color:rgb(132, 137, 199)  
}
```

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(132, 137, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 137, 199) }
```

Border

The CSS property to change the border of an element to XYZ 28.7702, 26.9204, 57.7126 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(132, 137, 199) }
```


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

```
.border{ border-color:rgb(132, 137, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 137, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(132, 137, 199); -webkit-box-shadow:4px 4px 4px 4px rgb(132, 137, 199); box-shadow:4px 4px 4px 4px rgb(132, 137, 199) }
```

Background

The CSS property to change the background color of an element to XYZ 28.7702, 26.9204, 57.7126 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 137, 199) }
```

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

```
.background{ background-color: rgb(132,  
137, 199) }
```

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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