

Converting Colors

XYZ(28.0654, 27.0339, 57.7108)

Have a look what the booklet for
XYZ(28.0654, 27.0339, 57.7108)
contains.

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Color

**XYZ(27.9989, 26.9487,
57.7588)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 7D8BC7 |
| RGB | 125, 139, 199 |
| RGB Percent | 49%, 55%, 78% |
| CMY | 0.5098, 0.4549, 0.2196 |
| CMYK | 0.37, 0.30, 0.00, 0.22 |
| HSL | 229°, 40%, 64% |
| HSV | 229°, 37%, 78% |
| XYZ | 27.9989, 26.9487, 57.7588 |
| YIQ | 141.6540, -27.6040, 15.6920 |

Conversions

Conversions Part 2

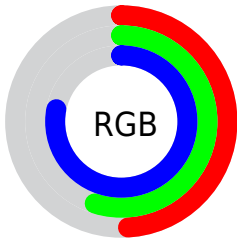
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 125, 137, 199 |
| Decimal | 8227783 |
| CIE _{Lab} | 58.93, 9.73, -32.72 |
| CIE _{LCh} | 59, 34.132, 286.559 |
| Yxy | 26.9487, 0.2484, 0.2391 |
| Android (android.graphics.Color) | 4286417863 (0xFF7D8BC7) |
| YUV | 141.6540, 28.2716, -14.6056 |
| Hunter-Lab | 51.9121, 5.4280, -29.6291 |

Details

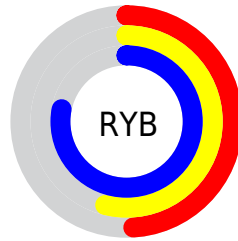
The XYZ color **27.9989, 26.9487, 57.7588** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **44.6047, 48.3218, 26.3794**, and the grayscale version is **25.4752, 26.8019, 29.1872**.

A 20% lighter version of the original color is **55.7220, 54.6226, 102.2141**, and **11.3557, 10.5668, 28.2292** is the 20% darker color. If you saturate the color by 10%, you get **23.2132, 21.2660, 56.9147**, and if you desaturate by 10%, it is **33.7133, 33.6231, 58.7464**.

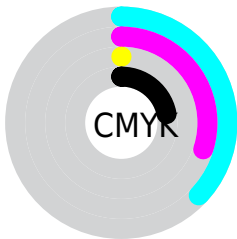
Distribution



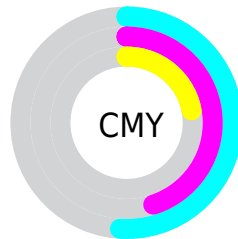
- Red (49%)
- Green (55%)
- Blue (78%)



- Red (49%)
- Yellow (54%)
- Blue (78%)



- Cyan (37%)
- Magenta (30%)
- Yellow (0%)
- Black (22%)



- Cyan (51%)
- Magenta (45%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.9989, 26.9487, 57.7588 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 27.9989, 26.9487, 57.7588 by changing the saturation by 10% instead.

■ 27.9989, 26.9487,
57.7588

■ 27.9989, 26.9487,
57.7588

284.5418,
287.4087, 433.8597

■ 18.4653, 17.5347,
41.2014

■ 55.8913, 54.8015,
103.0828

■ 11.3863, 10.6164,
28.1556

■ 74.9809, 74.0092,
132.6865

■ 6.3965, 5.8096,
18.2029

■ 97.9864, 97.2501,
167.4760

■ 3.1306, 2.7296,
10.9248

125.2733,
124.9088, 207.8699

■ 1.2232, 0.9923,
5.9028

157.2070,
157.3696, 254.2866

■ 0.1246, 0.0000,
2.7182

194.1527,

■ 0.0000, 0.0000,

195.0169, 307.1448

0.9526

236.4759,
238.2351, 366.8630

■ 0.0000, 0.0000,
0.0000

■ 27.9989, 26.9487,
57.7588

■ 27.9989, 26.9487,
57.7588

■ 23.2132, 21.2660,
56.9147

■ 33.7133, 33.6231,
58.7464

■ 19.3035, 16.5239,
56.2054

■ 40.3997, 41.3310,
59.8818

■ 16.2157, 12.6711,
55.6245

■ 48.1023, 50.1153,
61.1713

■ 13.8886, 9.6499,
55.1640

■ 56.8613, 60.0157,
62.6207

■ 12.2518, 7.3957,
54.8151

■ 66.7150, 71.0698,
64.2350

■ 11.2138, 5.8291,
54.5675

■ 77.6997, 83.3134,
66.0192

■ 10.9908, 5.4873,
54.5132

■ 86.3437, 94.9731,
67.8142

■ 87.3089, 96.9036,
68.1360

Harmonies

Analogous

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



23.7722, 26.9487, 58.2748



27.9989, 26.9487, 57.7588



31.9746, 26.9487, 48.4164

Triad

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



27.9989, 26.9487, 57.7588



31.6137, 26.9487, 15.4877



18.4994, 26.9487, 24.2616

Complementary

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



27.9989, 26.9487, 57.7588



44.6047, 48.3218, 26.3794

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.



20.1582, 26.9487, 16.0796



27.9989, 26.9487, 57.7588



27.5484, 26.9487, 12.0366

Square

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



27.9989, 26.9487, 57.7588



34.2134, 26.9487, 23.2005



23.3684, 26.9487, 12.2183



18.5916, 26.9487, 36.4829

Rectangle

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



27.9989, 26.9487, 57.7588



33.8106, 26.9487, 39.6012



23.3684, 26.9487, 12.2183



18.8622, 26.9487, 21.0288

Sweetspot

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



27.9998, 26.9497, 57.7594



78.6416, 81.4005, 106.1747



37.5545, 48.6767, 52.8744



16.4337, 16.9683, 22.6590



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.



27.9998, 26.9497, 57.7594



41.8204, 38.6431, 99.8624



29.7120, 25.0135, 57.2955



10.2164, 10.6068, 13.4263



7.1155, 3.6249, 35.0690



0.3872, 0.2722, 1.6773

Inverse Universe

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



35.5479, 28.6745, 28.0881



57.1725, 42.6965, 39.3909



42.2119, 51.6519, 27.1483



10.7145, 10.6692, 11.4798



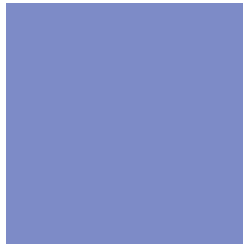
15.3909, 7.9059, 2.0024



0.7541, 0.3845, 0.2284

Previews

White Background



This preview shows how the XYZ color 27.9989, 26.9487, 57.7588 looks on a white background.

Color Contrast Check

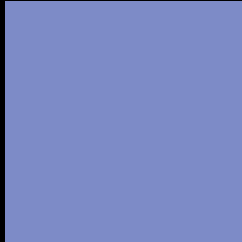
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.9989, 26.9487, 57.7588 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

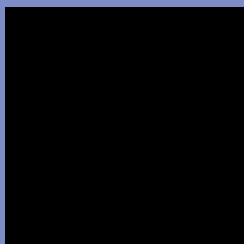
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 27.9989, 26.9487, 57.7588

Background



This preview shows how black text looks on a background with the XYZ color 27.9989, 26.9487, 57.7588.



This preview shows how white text looks on a background with the XYZ color 27.9989, 26.9487,

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

27.9989, 26.9487, 57.7588

Protanopia

27.7098, 26.7997, 57.7452

Deuteranopia

27.5720, 26.9446, 57.7805



Tritanopia

23.7620, 27.0155, 36.7630

Trichromacy



Original Color

27.9989, 26.9487, 57.7588

Protanomaly

27.8536, 26.8738, 57.7520

Deuteranomaly

27.7129, 27.0173, 57.7871

Tritanomaly

25.2210, 26.9244, 43.9120

Monochromacy



Original Color

27.9989, 26.9487, 57.7588

Achromatopsia

25.7108, 27.0498, 29.4572

Achromatomaly

26.2891, 26.9283, 38.4624

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.9989, 26.9487, 57.7588 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(125, 139, 199)` looks like.

```
.text, #text, p{  
    color:rgb(125, 139, 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(125, 139, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 139, 199) }
```

Border

The CSS property to change the border of an element to XYZ 27.9989, 26.9487, 57.7588 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(125, 139, 199) }
```


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

```
.border{ border-color:rgb(125, 139, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 139, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 139, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 139, 199);  
box-shadow:4px 4px 4px 4px rgb(125, 139,  
199) }
```

Background

The CSS property to change the background color of an element to XYZ 27.9989, 26.9487, 57.7588 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 139, 199) }
```

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

```
.background{ background-color: rgb(125,  
139, 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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