

Converting Colors

XYZ(27.6429, 26.1117, 50.4075)

Have a look what the booklet for
XYZ(27.6429, 26.1117, 50.4075)
contains.

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Color

**XYZ(27.6253, 26.0667,
50.5891)**

Conversions

Conversions Part 1

Format	Color
Hex	8787BB
RGB	135, 135, 187
RGB Percent	53%, 53%, 73%
CMY	0.4706, 0.4706, 0.2667
CMYK	0.28, 0.28, 0.00, 0.27
HSL	240°, 28%, 63%
HSV	240°, 28%, 73%
XYZ	27.6253, 26.0667, 50.5891
YIQ	140.9280, -16.6920, 16.1720

Conversions

Conversions Part 2

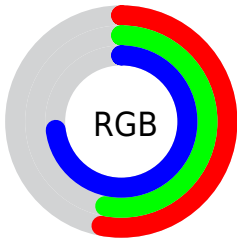
Format	Color
RYB	135, 135, 187
Decimal	8882107
CIELab	58.10, 11.80, -27.14
CIELCh	58, 29.600, 293.502
Yxy	26.0667, 0.2649, 0.2500
Android (android.graphics.Color)	4287072187 (0xFF8787BB)
YUV	140.9280, 22.7135, -5.1989
Hunter-Lab	51.0556, 7.2361, -23.0094

Details

The XYZ color **27.6253, 26.0667, 50.5891** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **42.6375, 47.8551, 29.9123**, and the grayscale version is **25.2085, 26.5213, 28.8817**.

A 20% lighter version of the original color is **55.1471, 53.2563, 92.1669**, and **11.2077, 10.1030, 23.9136** is the 20% darker color. If you saturate the color by 10%, you get **22.4928, 19.8824, 49.6664**, and if you desaturate by 10%, it is **33.7462, 33.4420, 51.6905**.

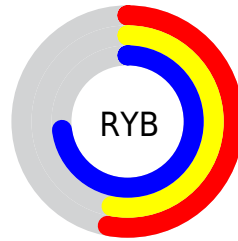
Distribution



Red (53%)

Green (53%)

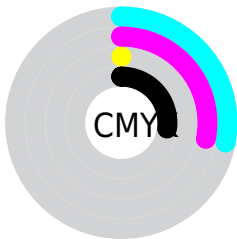
Blue (73%)



Red (53%)

Yellow (53%)

Blue (73%)

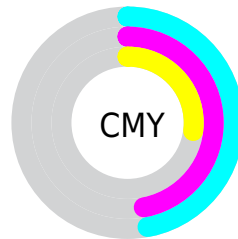


Cyan (28%)

Magenta (28%)

Yellow (0%)

Black (27%)



Cyan (47%)

Magenta (47%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.6253, 26.0667, 50.5891 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 27.6253, 26.0667, 50.5891 by changing the saturation by 10% instead.

■ 27.6253, 26.0667,
50.5891

■ 27.6253, 26.0667,
50.5891

282.7848,
283.1094, 405.7661

■ 18.1824, 16.8735,
35.5072

■ 55.2985, 53.3825,
92.4524

■ 11.1815, 10.1444,
23.7672

■ 74.2595, 72.2740,
120.0709

■ 6.2572, 5.4948,
14.9504

■ 97.1239, 95.1670,
152.7054

■ 3.0443, 2.5404,
8.6384

124.2571,
122.4460, 190.7743

■ 1.1772, 0.8968,
4.4125

156.0245,
154.4953, 234.6964

■ 0.0883, 0.0000,
1.8542

192.7913,

■ 0.0000, 0.0000,

191.6994, 284.8900

0.4634

234.9229,
234.4426, 341.7737

■ 0.0000, 0.0000,
0.0000

■ 27.6253, 26.0667,
50.5891

■ 27.6253, 26.0667,
50.5891

■ 22.4928, 19.8824,
49.6664

■ 33.7462, 33.4420,
51.6905

■ 18.2945, 14.8237,
48.9112

■ 40.9008, 42.0628,
52.9774

■ 14.9750, 10.8239,
48.3141

■ 49.1347, 51.9840,
54.4584

■ 12.4720, 7.8079,
47.8639

■ 58.4899, 63.2564,
56.1411

■ 10.7148, 5.6906,
47.5478

■ 69.0063, 75.9280,
58.0327

■ 9.6211, 4.3727,
47.3511

■ 80.7219, 90.0445,
60.1400

■ 9.0656, 3.7034,
47.2512

■ 85.9697, 96.3679,
61.0840

■ 8.9697, 3.5879,
47.2340

Harmonies

Analogous

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



24.0042, 26.0667, 52.8412



27.6253, 26.0667, 50.5891



30.7357, 26.0667, 41.8072

Triad

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



27.6253, 26.0667, 50.5891



29.1027, 26.0667, 15.2940



18.5425, 26.0667, 26.2077

Complementary

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



27.6253, 26.0667, 50.5891



42.6375, 47.8551, 29.9123

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.



19.6406, 26.0667, 18.1912



27.6253, 26.0667, 50.5891



25.5633, 26.0667, 12.9474

Square

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



27.6253, 26.0667, 50.5891



31.6445, 26.0667, 21.2197



22.1290, 26.0667, 13.8628



18.9804, 26.0667, 36.9984

Rectangle

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



27.6253, 26.0667, 50.5891



31.9845, 26.0667, 34.3611



22.1290, 26.0667, 13.8628



18.7405, 26.0667, 23.1405

Sweetspot

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



27.6262, 26.0677, 50.5897



72.8090, 74.7991, 94.8016



36.6398, 44.2430, 53.1378



15.5812, 15.9268, 20.7955



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



27.6262, 26.0677, 50.5897



44.0021, 40.0888, 89.6201



32.1583, 28.4040, 50.8018



9.0165, 9.2254, 11.9777



6.1802, 2.4721, 32.5443



0.2421, 0.0968, 1.2748

Inverse Universe

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



33.5314, 29.6429, 26.8771



56.2274, 47.4902, 40.5292



37.0174, 44.9579, 29.6493



9.5302, 9.5364, 9.9151



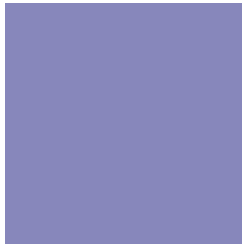
14.1202, 7.2792, 0.6608



0.5531, 0.2851, 0.0259

Previews

White Background



This preview shows how the XYZ color 27.6253, 26.0667, 50.5891 looks on a white background.

Color Contrast Check

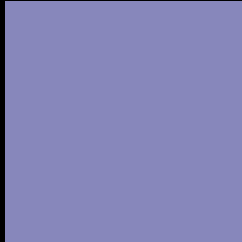
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.6253, 26.0667, 50.5891 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

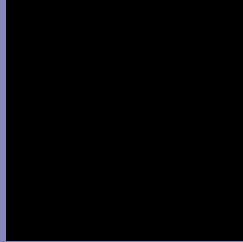
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 27.6253, 26.0667, 50.5891

Background



This preview shows how black text looks on a background with the XYZ color 27.6253, 26.0667, 50.5891.



This preview shows how white text looks on a background with the XYZ color 27.6253, 26.0667,

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

27.6253, 26.0667, 50.5891

Protanopia

26.7312, 26.2111, 51.7945

Deuteranopia

26.5610, 25.9485, 50.0630



Tritanopia

24.1767, 25.9389, 33.8694

Trichromacy



Original Color

27.6253, 26.0667, 50.5891

Protanomaly

27.0760, 26.1893, 51.2049

Deuteranomaly

26.8730, 25.8993, 50.0371

Tritanomaly

25.3842, 26.0071, 39.2793

Monochromacy



Original Color

27.6253, 26.0667, 50.5891

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

26.0516, 26.4228, 36.0748

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.6253, 26.0667, 50.5891 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(135, 135, 187)` looks like.

```
.text, #text, p{  
    color:rgb(135, 135, 187)  
}
```

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(135, 135, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 135, 187) }
```

Border

The CSS property to change the border of an element to XYZ 27.6253, 26.0667, 50.5891 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(135, 135, 187) }
```


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

```
.border{ border-color:rgb(135, 135, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 135, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 135, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 135, 187);  
box-shadow:4px 4px 4px 4px rgb(135, 135,  
187) }
```

Background

The CSS property to change the background color of an element to XYZ 27.6253, 26.0667, 50.5891 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 135, 187) }
```

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

```
.background{ background-color: rgb(135,  
135, 187) }
```

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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