

Converting Colors

XYZ(27.9609, 26.1782, 50.5932)

Have a look what the booklet for
XYZ(27.9609, 26.1782, 50.5932)
contains.

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Color

**XYZ(27.9501, 26.2342,
50.6043)**

Conversions

Conversions Part 1

Format	Color
Hex	8987BB
RGB	137, 135, 187
RGB Percent	54%, 53%, 73%
CMY	0.4627, 0.4706, 0.2667
CMYK	0.27, 0.28, 0.00, 0.27
HSL	242°, 28%, 63%
HSV	242°, 28%, 73%
XYZ	27.9501, 26.2342, 50.6043
YIQ	141.5260, -15.5000, 16.5960

Conversions

Conversions Part 2

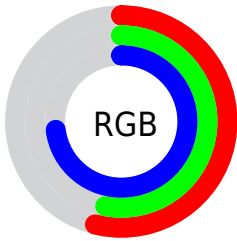
Format	Color
RYB	137, 135, 187
Decimal	9013179
CIELab	58.26, 12.41, -26.89
CIELCh	58, 29.615, 294.784
Yxy	26.2342, 0.2667, 0.2504
Android (android.graphics.Color)	4287203259 (0xFF8987BB)
YUV	141.5260, 22.4187, -3.9693
Hunter-Lab	51.2193, 7.7726, -22.7245

Details

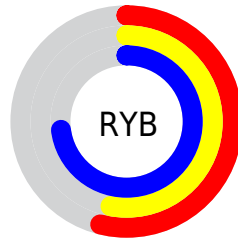
The XYZ color **27.9501, 26.2342, 50.6043** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **42.1520, 47.6049, 29.8898**, and the grayscale version is **25.4437, 26.7687, 29.1512**.

A 20% lighter version of the original color is **55.6467, 53.5139, 92.1903**, and **11.3893, 10.1967, 23.9221** is the 20% darker color. If you saturate the color by 10%, you get **22.8607, 20.0721, 49.6836**, and if you desaturate by 10%, it is **33.9907, 33.5681, 51.7020**.

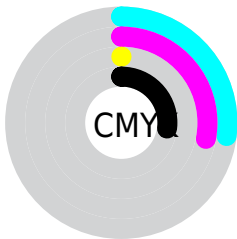
Distribution



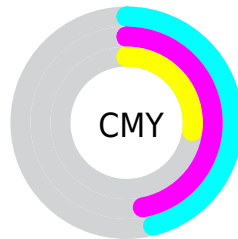
- Red (54%)
- Green (53%)
- Blue (73%)



- Red (54%)
- Yellow (53%)
- Blue (73%)



- Cyan (27%)
- Magenta (28%)
- Yellow (0%)
- Black (27%)



- Cyan (46%)
- Magenta (47%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.9501, 26.2342, 50.6043 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 27.9501, 26.2342, 50.6043 by changing the saturation by 10% instead.

■ 27.9501, 26.2342,
50.6043

■ 27.9501, 26.2342,
50.6043

284.3128,
283.9299, 405.8270

■ 18.4283, 16.9989,
35.5193

■ 55.8140, 53.6525,
92.4751

■ 11.3595, 10.2337,
23.7764

■ 74.8868, 72.6044,
120.0979

■ 6.3782, 5.5542,
14.9572

■ 97.8739, 95.5639,
152.7371

■ 3.1192, 2.5760,
8.6430

125.1408,
122.9154, 190.8112

■ 1.2171, 0.9146,
4.4155

157.0528,
155.0434, 234.7386

■ 0.1198, 0.0000,
1.8559

193.9752,

■ 0.0000, 0.0000,

192.3322, 284.9381

0.4645

236.2734,
235.1662, 341.8280

■ 0.0000, 0.0000,
0.0000

■ 27.9501, 26.2342,
50.6043

■ 27.9501, 26.2342,
50.6043

■ 22.8607, 20.0721,
49.6836

■ 33.9907, 33.5681,
51.7020

■ 18.6716, 15.0181,
48.9289

■ 41.0248, 42.1269,
52.9832

■ 15.3311, 11.0075,
48.3308

■ 49.0953, 51.9639,
54.4566

■ 12.7813, 7.9673,
47.8784

■ 58.2417, 63.1288,
56.1296

■ 10.9569, 5.8154,
47.5592

■ 68.5015, 75.6681,
58.0092

■ 9.7822, 4.4558,
47.3586

■ 79.9104, 89.6266,
60.1021

■ 9.1540, 3.7490,
47.2553

■ 85.9697, 96.3679,
61.0839

■ 9.0597, 3.6343,
47.2382

Harmonies

Analogous

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



24.3109, 26.2342, 53.2002



27.9501, 26.2342, 50.6043



31.0274, 26.2342, 41.5874

Triad

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



27.9501, 26.2342, 50.6043



29.1427, 26.2342, 15.2382



18.6579, 26.2342, 26.8001

Complementary

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



27.9501, 26.2342, 50.6043



42.1520, 47.6049, 29.8898

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.



19.6970, 26.2342, 18.5911



27.9501, 26.2342, 50.6043



25.5694, 26.2342, 13.0229

Square

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



27.9501, 26.2342, 50.6043



31.7611, 26.2342, 21.0351



22.1446, 26.2342, 14.0833



19.1642, 26.2342, 37.7054

Rectangle

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



27.9501, 26.2342, 50.6043



32.2273, 26.2342, 34.0893



22.1446, 26.2342, 14.0833



18.8348, 26.2342, 23.6716

Sweetspot

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



27.9510, 26.2352, 50.6049



73.0388, 74.9176, 94.8124



36.3669, 43.5490, 53.5032



15.6400, 15.9571, 20.7983



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.



27.9510, 26.2352, 50.6049



44.6355, 40.4152, 89.6498



32.6842, 28.6753, 50.8264



9.0495, 9.2424, 11.9792



6.2562, 2.5113, 32.5479



0.2568, 0.1044, 1.2755

Inverse Universe

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



37.9153, 31.3966, 49.9619



65.2846, 51.1131, 88.2235



36.4953, 44.6888, 29.6251



9.9137, 9.6898, 11.9345



19.7896, 9.5470, 30.5153



0.7802, 0.3760, 1.2215

Previews

White Background



This preview shows how the XYZ color 27.9501, 26.2342, 50.6043 looks on a white background.

Color Contrast Check

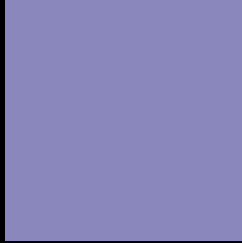
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.9501, 26.2342, 50.6043 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

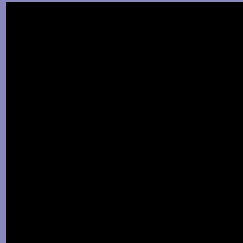
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 27.9501, 26.2342, 50.6043

Background



This preview shows how black text looks on a background with the XYZ color 27.9501, 26.2342, 50.6043.



This preview shows how white text looks on a background with the XYZ color 27.9501, 26.2342,

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

27.9501, 26.2342, 50.6043

Protanopia

26.7312, 26.2111, 51.7945

Deuteranopia

26.8535, 26.3113, 50.1176



Tritanopia

24.4806, 26.0955, 33.8837

Trichromacy



Original Color

27.9501, 26.2342, 50.6043

Protanomaly

27.0760, 26.1893, 51.2049

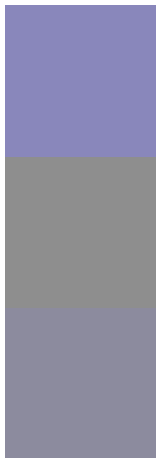
Deuteranomaly

27.1687, 26.2618, 50.0915

Tritanomaly

25.6970, 26.1684, 39.2939

Monochromacy



Original Color

27.9501, 26.2342, 50.6043

Achromatopsia

25.7108, 27.0498, 29.4572

Achromatomaly

26.2194, 26.5093, 36.0826

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.9501, 26.2342, 50.6043 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(137, 135, 187)` looks like.

```
.text, #text, p{  
    color:rgb(137, 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(137, 135, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 135, 187) }
```

Border

The CSS property to change the border of an element to XYZ 27.9501, 26.2342, 50.6043 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(137, 135, 187) }
```


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

```
.border{ border-color:rgb(137, 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(137, 135, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 135, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 135, 187);  
box-shadow:4px 4px 4px 4px rgb(137, 135,  
187) }
```

Background

The CSS property to change the background color of an element to XYZ 27.9501, 26.2342, 50.6043 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 135, 187) }
```

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

```
.background{ background-color: rgb(137,  
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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