

Converting Colors

XYZ(29.9585, 26.6216, 43.0968)

Have a look what the booklet for
XYZ(29.9585, 26.6216, 43.0968)
contains.

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Color

**XYZ(29.9572, 26.6207,
43.0945)**

Conversions

Conversions Part 1

Format	Color
Hex	9F83AD
RGB	159, 131, 173
RGB Percent	62%, 51%, 68%
CMY	0.3765, 0.4863, 0.3216
CMYK	0.08, 0.24, 0.00, 0.32
HSL	280°, 20%, 60%
HSV	280°, 24%, 68%
XYZ	29.9572, 26.6207, 43.0945
YIQ	144.1600, 3.2060, 18.9980

Conversions

Conversions Part 2

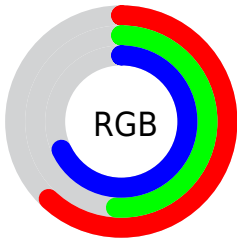
Format	Color
RYB	159, 131, 173
Decimal	10453933
CIELab	58.62, 18.63, -18.18
CIELCh	59, 26.030, 315.687
Yxy	26.6207, 0.3006, 0.2671
Android (android.graphics.Color)	4288644013 (0xFF9F83AD)
YUV	144.1600, 14.2181, 13.0147
Hunter-Lab	51.5953, 13.3489, -13.4048

Details

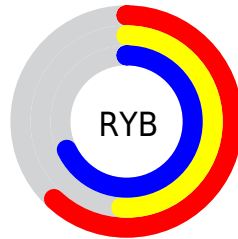
The XYZ color **29.9572, 26.6207, 43.0945** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **30.7183, 37.5462, 27.1022**, and the grayscale version is **26.5180, 27.8990, 30.3821**.

A 20% lighter version of the original color is **59.0149, 54.2343, 81.4866**, and **12.4570, 10.3911, 19.4383** is the 20% darker color. If you saturate the color by 10%, you get **26.7080, 21.7802, 42.3318**, and if you desaturate by 10%, it is **33.6494, 32.2669, 43.9901**.

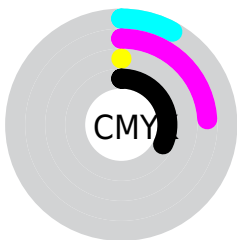
Distribution



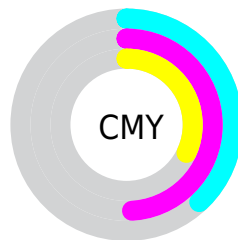
- Red (62%)
- Green (51%)
- Blue (68%)



- Red (62%)
- Yellow (51%)
- Blue (68%)



- Cyan (8%)
- Magenta (24%)
- Yellow (0%)
- Black (32%)



- Cyan (38%)
- Magenta (49%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.9572, 26.6207, 43.0945 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 29.9572, 26.6207, 43.0945 by changing the saturation by 10% instead.

■ 29.9572, 26.6207,
43.0945

■ 29.9572, 26.6207,
43.0945

293.6183,
285.8159, 374.9329

■ 19.9540, 17.2886,
29.6273

■ 58.9816, 54.2746,
81.1413

■ 12.4697, 10.4404,
19.3062

■ 78.7335, 73.3652,
106.5581

■ 7.1389, 5.6919,
11.7127

■ 102.4657, 96.4773,
136.7951

■ 3.5962, 2.6587,
6.4282

130.5435,
123.9955, 172.2709

■ 1.4763, 0.9563,
3.0342

163.3323,
156.3040, 213.4040

■ 0.3096, 0.0000,
1.1121

201.1975,

■ 0.0000, 0.0000,

193.7873, 260.6130

0.0000

244.5044,
236.8298, 314.3165

■ 29.9572, 26.6207,
43.0945

■ 29.9572, 26.6207,
43.0945

■ 26.7080, 21.7802,
42.3318

■ 33.6494, 32.2669,
43.9901

■ 23.8793, 17.7031,
41.6940

■ 37.8007, 38.7516,
45.0230

■ 21.4504, 14.3484,
41.1745

■ 42.4294, 46.1099,
46.1993

■ 19.3975, 11.6698,
40.7656

■ 47.5521, 54.3737,
47.5244

■ 17.6940, 9.6153,
40.4589

■ 53.1844, 63.5736,
49.0033

■ 16.3096, 8.1253,
40.2443

■ 59.3414, 73.7385,
50.6409

■ 15.2079, 7.1282,
40.1098

■ 66.0373, 84.8962,
52.4416

■ 14.6569, 6.6846,
40.0533

■ 68.5173, 87.5357,
52.8203

■ 70.1391, 88.3717,
52.8962

Harmonies

Analogous

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



26.9998, 26.6207, 49.4368



29.9572, 26.6207, 43.0945



31.7335, 26.6207, 33.5559

Triad

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



29.9572, 26.6207, 43.0945



26.8514, 26.6207, 15.0619



19.8368, 26.6207, 34.0073

Complementary

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



29.9572, 26.6207, 43.0945



30.7183, 37.5462, 27.1022

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.



19.8044, 26.6207, 24.8500



29.9572, 26.6207, 43.0945



23.6773, 26.6207, 15.1326

Square

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



29.9572, 26.6207, 43.0945



29.8407, 26.6207, 18.1313



21.1562, 26.6207, 18.3505



21.2488, 26.6207, 43.4844

Rectangle

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



29.9572, 26.6207, 43.0945



31.9205, 26.6207, 27.2767



21.1562, 26.6207, 18.3505



19.6684, 26.6207, 30.7640

Sweetspot

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



29.9580, 26.6218, 43.0951



65.4966, 65.9390, 80.0812



27.1367, 28.3090, 43.5694



14.1406, 14.1838, 17.3801



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



29.9580, 26.6218, 43.0951



50.5118, 42.9669, 76.4369



32.2980, 27.8969, 40.0969



8.0738, 8.0123, 10.0737



10.8300, 4.9429, 29.4278



0.3561, 0.1658, 0.8212

Inverse Universe

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



30.4616, 27.1624, 30.4267



51.6607, 44.1560, 49.5251



28.8415, 36.5279, 29.3116



8.1113, 8.0578, 8.8967



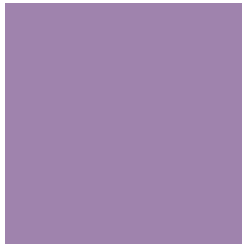
13.2396, 6.7584, 3.6415



0.3941, 0.1983, 0.2372

Previews

White Background



This preview shows how the XYZ color 29.9572, 26.6207, 43.0945 looks on a white background.

Color Contrast Check

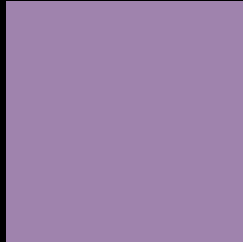
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.9572, 26.6207, 43.0945 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 29.9572, 26.6207, 43.0945

Background



This preview shows how black text looks on a background with the XYZ color 29.9572, 26.6207, 43.0945.



This preview shows how white text looks on a background with the XYZ color 29.9572, 26.6207,

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

29.9572, 26.6207, 43.0945

Protanopia

26.8748, 26.8361, 46.4113

Deuteranopia

27.3501, 26.7310, 42.7478



Tritanopia

27.5882, 26.6835, 31.3001

Trichromacy



Original Color

29.9572, 26.6207, 43.0945

Protanomaly

27.8660, 26.7284, 45.2854

Deuteranomaly

28.1430, 26.5095, 42.6633

Tritanomaly

28.2361, 26.5184, 35.0828

Monochromacy



Original Color

29.9572, 26.6207, 43.0945

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

27.5434, 27.2214, 34.8129

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.9572, 26.6207, 43.0945 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(159, 131, 173)` looks like.

```
.text, #text, p{  
    color:rgb(159, 131, 173)  
}
```

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(159, 131, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 131, 173) }
```

Border

The CSS property to change the border of an element to XYZ 29.9572, 26.6207, 43.0945 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(159, 131, 173) }
```


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

```
.border{ border-color:rgb(159, 131, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 131, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 131, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 131, 173);  
box-shadow:4px 4px 4px 4px rgb(159, 131,  
173) }
```

Background

The CSS property to change the background color of an element to XYZ 29.9572, 26.6207, 43.0945 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 131, 173) }
```

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

```
.background{ background-color: rgb(159,  
131, 173) }
```

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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