

Converting Colors

XYZ(29.8229, 26.2860, 43.2935)

Have a look what the booklet for
XYZ(29.8229, 26.2860, 43.2935)
contains.

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Color

**XYZ(29.9207, 26.3922,
43.5616)**

Conversions

Conversions Part 1

Format	Color
Hex	9F82AE
RGB	159, 130, 174
RGB Percent	62%, 51%, 68%
CMY	0.3765, 0.4902, 0.3176
CMYK	0.09, 0.25, 0.00, 0.32
HSL	280°, 21%, 60%
HSV	280°, 25%, 68%
XYZ	29.9207, 26.3922, 43.5616
YIQ	143.6870, 3.1600, 19.8320

Conversions

Conversions Part 2

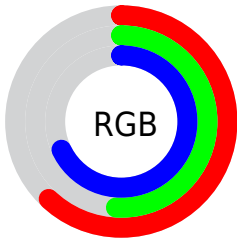
Format	Color
RYB	159, 130, 174
Decimal	10453678
CIELab	58.41, 19.41, -19.08
CIELCh	58, 27.219, 315.489
Yxy	26.3922, 0.2996, 0.2643
Android (android.graphics.Color)	4288643758 (0xFF9F82AE)
YUV	143.6870, 14.9443, 13.4295
Hunter-Lab	51.3733, 14.0581, -14.3131

Details

The XYZ color **29.9207, 26.3922, 43.5616** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **30.8433, 37.9042, 26.8110**, and the grayscale version is **26.3251, 27.6961, 30.1610**.

A 20% lighter version of the original color is **58.9480, 53.8763, 82.1552**, and **12.3833, 10.2436, 19.4137** is the 20% darker color. If you saturate the color by 10%, you get **26.6510, 21.5571, 42.8011**, and if you desaturate by 10%, it is **33.6399, 32.0414, 44.4564**.

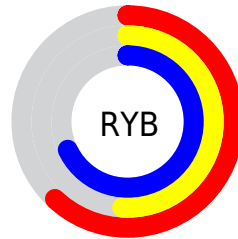
Distribution



Red (62%)

Green (51%)

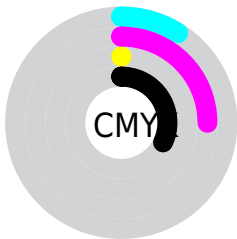
Blue (68%)



Red (62%)

Yellow (51%)

Blue (68%)

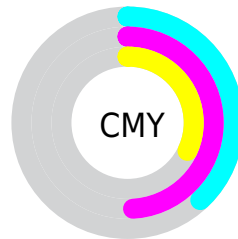


Cyan (9%)

Magenta (25%)

Yellow (0%)

Black (32%)



Cyan (38%)

Magenta (49%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.9207, 26.3922, 43.5616 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 29.9207, 26.3922, 43.5616 by changing the saturation by 10% instead.

■ 29.9207, 26.3922,
43.5616

■ 29.9207, 26.3922,
43.5616

293.4511,
284.7021, 376.9051

■ 19.9262, 17.1173,
29.9913

■ 58.9242, 53.9070,
81.8531

■ 12.4493, 10.3181,
19.5800

■ 78.6640, 72.9156,
107.4114

■ 7.1248, 5.6104,
11.9091

■ 102.3828, 95.9377,
137.8028

■ 3.5873, 2.6097,
6.5600

130.4461,
123.3574, 173.4458

■ 1.4714, 0.9315,
3.1143

163.2192,
155.5594, 214.7590

■ 0.3063, 0.0000,
1.1533

201.0675,

■ 0.0000, 0.0000,

192.9279, 262.1610

0.0000

244.3564,
235.8473, 316.0701

■ 29.9207, 26.3922,
43.5616

■ 29.9207, 26.3922,
43.5616

■ 26.6510, 21.5571,
42.8011

■ 33.6399, 32.0414,
44.4564

■ 23.8079, 17.4929,
42.1664

■ 37.8251, 38.5384,
45.4898

■ 21.3700, 14.1577,
41.6512

■ 42.4951, 45.9188,
46.6683

■ 19.3129, 11.5038,
41.2473

■ 47.6668, 54.2154,
47.9971

■ 17.6093, 9.4779,
40.9461

■ 53.3562, 63.4593,
49.4815

16.2279, 8.0186,
40.7372

59.5787, 73.6800,
51.1263

15.1296, 7.0492,
40.6080

66.3489, 84.9057,
52.9363

14.6685, 6.6793,
40.5609

68.9807, 87.7633,
53.3491

70.6637, 88.6310,
53.4279

Harmonies

Analogous

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



26.8295, 26.3922, 50.2134



29.9207, 26.3922, 43.5616



31.7900, 26.3922, 33.5678

Triad

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



29.9207, 26.3922, 43.5616



26.7196, 26.3922, 14.4171



19.4198, 26.3922, 33.9033

Complementary

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



29.9207, 26.3922, 43.5616



30.8433, 37.9042, 26.8110

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.



19.3960, 26.3922, 24.3927



29.9207, 26.3922, 43.5616



23.4178, 26.3922, 14.4681

Square

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



29.9207, 26.3922, 43.5616



29.8341, 26.3922, 17.5669



20.8006, 26.3922, 17.7263



20.8687, 26.3922, 43.8535

Rectangle

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



29.9207, 26.3922, 43.5616



31.9947, 26.3922, 27.0223



20.8006, 26.3922, 17.7263



19.2494, 26.3922, 30.5219

Sweetspot

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



29.9215, 26.3933, 43.5622



66.3541, 66.3778, 81.9518



27.0336, 28.1762, 44.0585



14.4930, 14.3564, 18.1515



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



29.9215, 26.3933, 43.5622



51.0635, 43.0936, 78.2634



32.4510, 27.7699, 40.4037



8.0679, 8.0093, 10.0734



10.7044, 4.8782, 29.4219



0.3532, 0.1643, 0.8211

Inverse Universe

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



30.5499, 27.0094, 30.3924



52.4891, 44.4532, 50.1111



28.8296, 36.8133, 29.1041



8.1137, 8.0587, 8.9096



13.2646, 6.7684, 3.7730



0.3951, 0.1987, 0.2422

Previews

White Background



This preview shows how the XYZ color 29.9207, 26.3922, 43.5616 looks on a white background.

Color Contrast Check

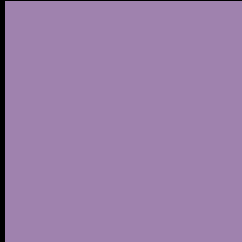
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.9207, 26.3922, 43.5616 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 29.9207, 26.3922, 43.5616

Background



This preview shows how black text looks on a background with the XYZ color 29.9207, 26.3922, 43.5616.



This preview shows how white text looks on a background with the XYZ color 29.9207, 26.3922,

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

29.9207, 26.3922, 43.5616

Protanopia

26.6768, 26.5064, 46.8902

Deuteranopia

27.1125, 26.5974, 43.2400



Tritanopia

27.3698, 26.3718, 30.8419

Trichromacy



Original Color

29.9207, 26.3922, 43.5616

Protanomaly

27.8245, 26.4854, 45.7652

Deuteranomaly

28.0609, 26.4561, 43.1627

Tritanomaly

28.0986, 26.2433, 35.0370

Monochromacy



Original Color

29.9207, 26.3922, 43.5616

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 29.9207, 26.3922, 43.5616 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, 130, 174)` looks like.

```
.text, #text, p{  
    color:rgb(159, 130, 174)  
}
```

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, 130, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 130, 174) }
```

Border

The CSS property to change the border of an element to XYZ 29.9207, 26.3922, 43.5616 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, 130, 174) }
```


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

```
.border{ border-color:rgb(159, 130, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 130, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 130, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 130, 174);  
box-shadow:4px 4px 4px 4px rgb(159, 130,  
174) }
```

Background

The CSS property to change the background color of an element to XYZ 29.9207, 26.3922, 43.5616 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 130, 174) }
```

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

```
.background{ background-color: rgb(159,  
130, 174) }
```

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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