

Converting Colors

XYZ(29.8348, 26.3462, 42.4831)

Have a look what the booklet for
XYZ(29.8348, 26.3462, 42.4831)
contains.

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Color

**XYZ(29.9262, 26.4174,
42.5515)**

Conversions

Conversions Part 1

Format	Color
Hex	A082AC
RGB	160, 130, 172
RGB Percent	63%, 51%, 67%
CMY	0.3725, 0.4902, 0.3255
CMYK	0.07, 0.24, 0.00, 0.33
HSL	283°, 20%, 59%
HSV	283°, 24%, 67%
XYZ	29.9262, 26.4174, 42.5515
YIQ	143.7580, 4.3980, 19.4220

Conversions

Conversions Part 2

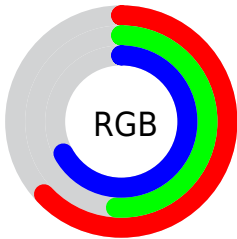
Format	Color
RYB	160, 130, 172
Decimal	10519212
CIELab	58.43, 19.33, -17.89
CIElCh	58, 26.340, 317.209
Yxy	26.4174, 0.3026, 0.2671
Android (android.graphics.Color)	4288709292 (0xFFA082AC)
YUV	143.7580, 13.9233, 14.2442
Hunter-Lab	51.3979, 13.9847, -13.1068

Details

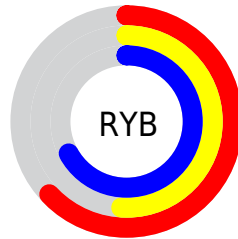
The XYZ color **29.9262, 26.4174, 42.5515** is a light color, and the websafe version is hex **996699**. A complement of this color would be **29.9381, 36.8682, 26.6587**, and the grayscale version is **26.3572, 27.7298, 30.1978**.

A 20% lighter version of the original color is **58.8229, 53.8601, 79.9688**, and **12.4432, 10.2815, 19.0980** is the 20% darker color. If you saturate the color by 10%, you get **26.8639, 21.7222, 41.8070**, and if you desaturate by 10%, it is **33.4114, 31.8997, 43.4264**.

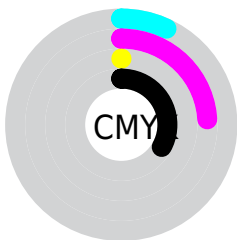
Distribution



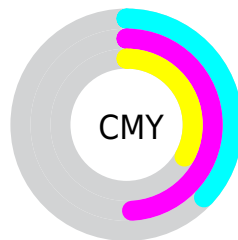
- Red (63%)
- Green (51%)
- Blue (67%)



- Red (63%)
- Yellow (51%)
- Blue (67%)



- Cyan (7%)
- Magenta (24%)
- Yellow (0%)
- Black (33%)



- Cyan (37%)
- Magenta (49%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.9262, 26.4174, 42.5515 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 29.9262, 26.4174, 42.5515 by changing the saturation by 10% instead.

■ 29.9262, 26.4174,
42.5515

■ 29.9262, 26.4174,
42.5515

293.4763,
284.8251, 372.6309

■ 19.9304, 17.1362,
29.2046

■ 58.9329, 53.9476,
80.3127

■ 12.4524, 10.3316,
18.9887

■ 78.6744, 72.9653,
105.5641

■ 7.1270, 5.6194,
11.4854

■ 102.3953, 95.9972,
135.6206

■ 3.5887, 2.6151,
6.2761

130.4608,
123.4279, 170.9010

■ 1.4722, 0.9342,
2.9422

163.2363,
155.6416, 211.8237

■ 0.3068, 0.0000,
1.0652

201.0871,

■ 0.0000, 0.0000,

193.0228, 258.8072

0.0000

244.3787,
235.9558, 312.2701

■ 29.9262, 26.4174,
42.5515

■ 29.9262, 26.4174,
42.5515

■ 26.8639, 21.7222,
41.8070

■ 33.4114, 31.8997,
43.4264

■ 24.2027, 17.7725,
41.1849

■ 37.3352, 38.2014,
44.4359

■ 21.9221, 14.5281,
40.6789

■ 41.7153, 45.3569,
45.5862

■ 19.9992, 11.9431,
40.2813

■ 46.5679, 53.3977,
46.8825

■ 18.4081, 9.9667,
39.9837

■ 51.9082, 62.3537,
48.3297

■ 17.1189, 8.5401,
39.7762

■ 57.7507, 72.2534,
49.9326

■ 16.0960, 7.5923,
39.6472

■ 64.1094, 83.1239,
51.6957

■ 15.5943, 7.1789,
39.5939

■ 66.8439, 86.6841,
52.2388

■ 68.1718, 87.3687,
52.3009

Harmonies

Analogous

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



26.9835, 26.4174, 49.2166



29.9262, 26.4174, 42.5515



31.6356, 26.4174, 32.8661

Triad

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



29.9262, 26.4174, 42.5515



26.5031, 26.4174, 14.7185



19.6526, 26.4174, 34.3289

Complementary

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



29.9262, 26.4174, 42.5515



29.9381, 36.8682, 26.6587

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.



19.5480, 26.4174, 25.0184



29.9262, 26.4174, 42.5515



23.3233, 26.4174, 14.9458

Square

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



29.9262, 26.4174, 42.5515



29.5488, 26.4174, 17.6260



20.8385, 26.4174, 18.3319



21.1377, 26.4174, 43.8175

Rectangle

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



29.9262, 26.4174, 42.5515



31.7577, 26.4174, 26.5981



20.8385, 26.4174, 18.3319



19.4596, 26.4174, 31.0445

Sweetspot

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



29.9270, 26.4185, 42.5521



65.7224, 66.0554, 80.0918



26.4159, 27.2506, 42.8977



14.1935, 14.2111, 17.3826



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.



29.9270, 26.4185, 42.5521



51.3626, 43.4055, 76.4768



31.6614, 27.4029, 38.5541



8.1107, 8.0314, 10.0754



11.6605, 5.3711, 29.4667



0.3746, 0.1753, 0.8221

Inverse Universe

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



29.8793, 26.6901, 29.1693



51.3462, 44.0302, 47.8686



28.5758, 36.0981, 29.6596



8.0958, 8.0516, 8.8155



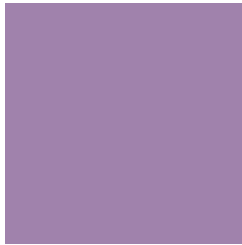
13.0965, 6.7011, 2.8875



0.3881, 0.1959, 0.2057

Previews

White Background



This preview shows how the XYZ color 29.9262, 26.4174, 42.5515 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 29.9262, 26.4174, 42.5515 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 29.9262, 26.4174, 42.5515

Background



This preview shows how black text looks on a background with the XYZ color 29.9262, 26.4174, 42.5515.



This preview shows how white text looks on a background with the XYZ color 29.9262, 26.4174,

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

29.9262, 26.4174, 42.5515

Protanopia

26.6286, 26.5049, 45.8320

Deuteranopia

27.0866, 26.6062, 42.2360



Tritanopia

27.4851, 26.4402, 30.4429

Trichromacy



Original Color

29.9262, 26.4174, 42.5515

Protanomaly

27.7960, 26.4937, 44.7231

Deuteranomaly

28.0473, 26.4713, 42.1593

Tritanomaly

28.2086, 26.3097, 34.6019

Monochromacy



Original Color

29.9262, 26.4174, 42.5515

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

27.6430, 27.2824, 34.3809

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.9262, 26.4174, 42.5515 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(160, 130, 172)` looks like.

```
.text, #text, p{  
    color:rgb(160, 130, 172)  
}
```

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(160, 130, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 130, 172) }
```

Border

The CSS property to change the border of an element to XYZ 29.9262, 26.4174, 42.5515 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(160, 130, 172) }
```


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

```
.border{ border-color:rgb(160, 130, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 130, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 130, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 130, 172);  
box-shadow:4px 4px 4px 4px rgb(160, 130,  
172) }
```

Background

The CSS property to change the background color of an element to XYZ 29.9262, 26.4174, 42.5515 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 130, 172) }
```

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

```
.background{ background-color: rgb(160,  
130, 172) }
```

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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