

Converting Colors

XYZ(29.1663, 24.5387, 49.0982)

Have a look what the booklet for
XYZ(29.1663, 24.5387, 49.0982)
contains.

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Color

**XYZ(29.1663, 24.5387,
49.0982)**

Conversions

Conversions Part 1

Format	Color
Hex	9A7BB9
RGB	154, 123, 185
RGB Percent	60%, 48%, 73%
CMY	0.3961, 0.5176, 0.2745
CMYK	0.17, 0.34, 0.00, 0.27
HSL	270°, 31%, 60%
HSV	270°, 34%, 73%
XYZ	29.1663, 24.5387, 49.0982
YIQ	139.3370, -1.4260, 25.8540

Conversions

Conversions Part 2

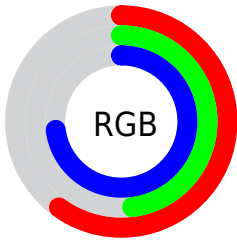
Format	Color
RYB	154, 123, 185
Decimal	10124217
CIELab	56.62, 24.22, -28.15
CIElCh	57, 37.138, 310.702
Yxy	24.5387, 0.2837, 0.2387
Android (android.graphics.Color)	4288314297 (0xFF9A7BB9)
YUV	139.3370, 22.5119, 12.8595
Hunter-Lab	49.5366, 18.4089, -24.0898

Details

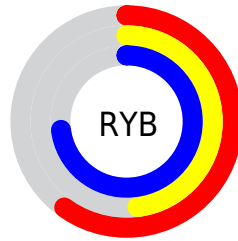
The XYZ color **29.1663, 24.5387, 49.0982** is a light color, and the websafe version is hex **996699**. A complement of this color would be **34.2514, 42.9987, 25.2343**, and the grayscale version is **24.5874, 25.8679, 28.1701**.

A 20% lighter version of the original color is **57.6970, 50.9569, 90.0138**, and **12.0931, 9.3883, 23.0045** is the 20% darker color. If you saturate the color by 10%, you get **25.3915, 19.5022, 48.3254**, and if you desaturate by 10%, it is **33.5122, 30.5145, 50.0230**.

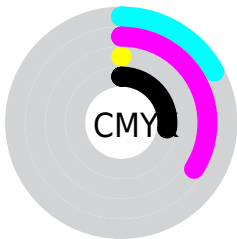
Distribution



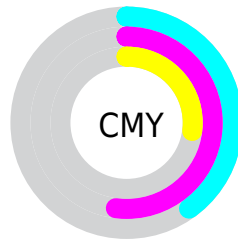
- Red (60%)
- Green (48%)
- Blue (73%)



- Red (60%)
- Yellow (48%)
- Blue (73%)



- Cyan (17%)
- Magenta (34%)
- Yellow (0%)
- Black (27%)



- Cyan (40%)
- Magenta (52%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.1663, 24.5387, 49.0982 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 29.1663, 24.5387, 49.0982 by changing the saturation by 10% instead.

■ 29.1663, 24.5387,
49.0982

■ 29.1663, 24.5387,
49.0982

289.9789,
275.5328, 399.7624

■ 19.3516, 15.7337,
34.3312

■ 57.7369, 50.9079,
90.2198

■ 12.0301, 9.3359,
22.8688

■ 77.2235, 69.2408,
117.4115

■ 6.8365, 4.9609,
14.2922

■ 100.6648, 91.5186,
149.5818

■ 3.4055, 2.2244,
8.1831

128.4262,
118.1255, 187.1494

■ 1.3716, 0.7332,
4.1229

160.8729,
149.4460, 230.5327

■ 0.2359, 0.0000,
1.6930

198.3703,

■ 0.0000, 0.0000,

185.8644, 280.1502

0.3559

241.2839,
227.7652, 336.4206

■ 0.0000, 0.0000,
0.0000

■ 29.1663, 24.5387,
49.0982

■ 29.1663, 24.5387,
49.0982

■ 25.3915, 19.5022,
48.3254

■ 33.5122, 30.5145,
50.0230

■ 22.1576, 15.3515,
47.6947

■ 38.4521, 37.4731,
51.1058

■ 19.4355, 12.0319,
47.1974

■ 44.0107, 45.4592,
52.3543

■ 17.1917, 9.4817,
46.8234

■ 50.2105, 54.5136,
53.7752

■ 15.3882, 7.6296,
46.5610

■ 57.0728, 64.6747,
55.3748

■ 13.9797, 6.3904,
46.3960

■ 64.6178, 75.9793,
57.1591

■ 13.2207, 5.8039,
46.3228

■ 72.8649, 88.4622,
59.1339

■ 76.5129, 91.5173,
59.5313

■ 79.5266, 93.0709,
59.6724

Harmonies

Analogous

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



24.8990, 24.5387, 57.5484



29.1663, 24.5387, 49.0982



32.0681, 24.5387, 35.3707

Triad

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



29.1663, 24.5387, 49.0982



26.1757, 24.5387, 9.9754



16.0804, 24.5387, 31.3809

Complementary

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



29.1663, 24.5387, 49.0982



34.2514, 42.9987, 25.2343

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.



16.3331, 24.5387, 19.6065



29.1663, 24.5387, 49.0982



21.8155, 24.5387, 9.5048

Square

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



29.1663, 24.5387, 49.0982



30.1995, 24.5387, 14.0203



18.3179, 24.5387, 12.4440



17.5791, 24.5387, 45.4140

Rectangle

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



29.1663, 24.5387, 49.0982



32.6475, 24.5387, 26.4283



18.3179, 24.5387, 12.4440



15.9685, 24.5387, 27.0107

Sweetspot

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



29.1671, 24.5397, 49.0987



72.0749, 71.6943, 92.2442



28.6531, 31.1684, 50.4053



15.2467, 15.0393, 19.8209



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



29.1671, 24.5397, 49.0987



47.3070, 37.3406, 86.9187



35.5998, 27.8559, 49.3998



8.9374, 8.9341, 11.3328



9.0861, 3.9953, 31.5453



0.3917, 0.1776, 1.1154

Inverse Universe

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



32.9241, 26.8143, 34.0133



55.2673, 42.1600, 54.9550



29.2419, 40.4162, 24.9998



9.1868, 9.0851, 10.3313



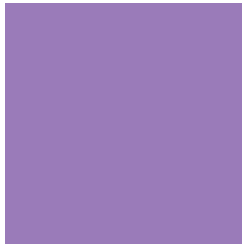
14.9905, 7.5700, 7.8368



0.5597, 0.2794, 0.4408

Previews

White Background



This preview shows how the XYZ color 29.1663, 24.5387, 49.0982 looks on a white background.

Color Contrast Check

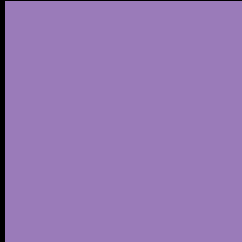
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.1663, 24.5387, 49.0982 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 29.1663, 24.5387, 49.0982

Background



This preview shows how black text looks on a background with the XYZ color 29.1663, 24.5387, 49.0982.



This preview shows how white text looks on a background with the XYZ color 29.1663, 24.5387,

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

29.1663, 24.5387, 49.0982

Protanopia

25.5988, 24.7271, 54.4625

Deuteranopia

25.2407, 24.6800, 48.2331



Tritanopia

25.1664, 24.6586, 29.0244

Trichromacy



Original Color

29.1663, 24.5387, 49.0982

Protanomaly

26.5925, 24.4727, 52.6123

Deuteranomaly

26.4659, 24.4943, 48.6804

Tritanomaly

26.5995, 24.6532, 35.7043

Monochromacy



Original Color

29.1663, 24.5387, 49.0982

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

25.8899, 25.1046, 34.9336

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.1663, 24.5387, 49.0982 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(154, 123, 185)` looks like.

```
.text, #text, p{  
    color:rgb(154, 123, 185)  
}
```

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(154, 123, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 123, 185) }
```

Border

The CSS property to change the border of an element to XYZ 29.1663, 24.5387, 49.0982 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(154, 123, 185) }
```


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

```
.border{ border-color:rgb(154, 123, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 123, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 123, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 123, 185);  
box-shadow:4px 4px 4px 4px rgb(154, 123,  
185) }
```

Background

The CSS property to change the background color of an element to XYZ 29.1663, 24.5387, 49.0982 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 123, 185) }
```

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

```
.background{ background-color: rgb(154,  
123, 185) }
```

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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