

Converting Colors

XYZ(29.9328, 24.1118, 53.5285)

Have a look what the booklet for
XYZ(29.9328, 24.1118, 53.5285)
contains.

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Color

**XYZ(29.9328, 24.1118,
53.5285)**

Conversions

Conversions Part 1

Format	Color
Hex	9C77C1
RGB	156, 119, 193
RGB Percent	61%, 47%, 76%
CMY	0.3882, 0.5333, 0.2431
CMYK	0.19, 0.38, 0.00, 0.24
HSL	270°, 37%, 61%
HSV	270°, 38%, 76%
XYZ	29.9328, 24.1118, 53.5285
YIQ	138.4990, -1.7020, 30.8580

Conversions

Conversions Part 2

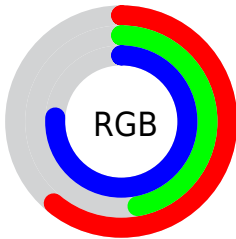
Format	Color
R _Y B	156, 119, 193
Decimal	10254273
CIE Lab	56.20, 28.97, -33.37
CIE LCh	56, 44.189, 310.969
Yxy	24.1118, 0.2783, 0.2241
Android (android.graphics.Color)	4288444353 (0xFF9C77C1)
YUV	138.4990, 26.8690, 15.3484
Hunter-Lab	49.1038, 22.8789, -30.2600

Details

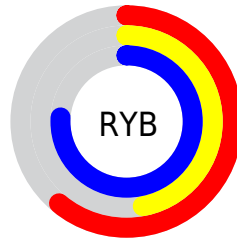
The XYZ color **29.9328, 24.1118, 53.5285** is a light color, and the websafe version is hex **996699**. A complement of this color would be **36.1106, 46.5403, 24.5336**, and the grayscale version is **24.2497, 25.5126, 27.7832**.

A 20% lighter version of the original color is **59.1592, 50.4042, 97.0534**, and **12.4439, 9.1280, 25.5321** is the 20% darker color. If you saturate the color by 10%, you get **26.0713, 19.0511, 52.7556**, and if you desaturate by 10%, it is **34.4108, 30.1838, 54.4649**.

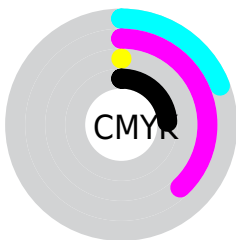
Distribution



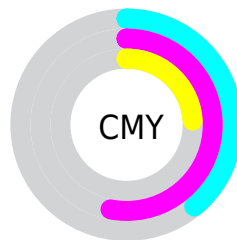
- Red (61%)
- Green (47%)
- Blue (76%)



- Red (61%)
- Yellow (47%)
- Blue (76%)



- Cyan (19%)
- Magenta (38%)
- Yellow (0%)
- Black (24%)



- Cyan (39%)
- Magenta (53%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.9328, 24.1118, 53.5285 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 29.9328, 24.1118, 53.5285 by changing the saturation by 10% instead.

■ 29.9328, 24.1118,
53.5285

■ 29.9328, 24.1118,
53.5285

293.5065,
273.3852, 417.4331

■ 19.9354, 15.4166,
37.8342

■ 58.9432, 50.2126,
96.8310

■ 12.4561, 9.1123,
25.5532

■ 78.6870, 68.3869,
125.2763

■ 7.1295, 4.8145,
16.2669

■ 102.4103, 90.4898,
158.8091

■ 3.5903, 2.1388,
9.5568

130.4784,
116.9055, 197.8478

■ 1.4731, 0.6863,
5.0044

163.2567,
148.0185, 242.8110

■ 0.3074, 0.0000,
2.1911

201.1106,

■ 0.0000, 0.0000,

184.2132, 294.1173

0.6692

244.4054,
225.8740, 352.1852

■ 0.0000, 0.0000,
0.0000

■ 29.9328, 24.1118,
53.5285

■ 29.9328, 24.1118,
53.5285

■ 26.0713, 19.0511,
52.7556

■ 34.4108, 30.1838,
54.4649

■ 22.7918, 14.9400,
52.1349

■ 39.5321, 37.3178,
55.5720

■ 20.0602, 11.7148,
51.6564

■ 45.3247, 45.5646,
56.8585

■ 17.8371, 9.3021,
51.3079

■ 51.8144, 54.9710,
58.3320

■ 16.0767, 7.6162,
51.0752

■ 59.0254, 65.5808,
59.9999

■ 14.7086, 6.5222,
50.9362

■ 66.9806, 77.4357,
61.8688

■ 14.5026, 6.3644,
50.9166

■ 75.7020, 90.5753,
63.9453

■ 79.0558, 92.7279,
64.1841

■ 82.2966, 94.3985,
64.3357

Harmonies

Analogous

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



24.8258, 24.1118, 64.3789



29.9328, 24.1118, 53.5285



33.4408, 24.1118, 36.4664

Triad

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



29.9328, 24.1118, 53.5285



26.2505, 24.1118, 7.7003



14.6073, 24.1118, 31.9413

Complementary

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



29.9328, 24.1118, 53.5285



36.1106, 46.5403, 24.5336

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.



14.8720, 24.1118, 18.1515



29.9328, 24.1118, 53.5285



21.1096, 24.1118, 7.2599

Square

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



29.9328, 24.1118, 53.5285



31.1074, 24.1118, 11.8577



17.0941, 24.1118, 10.2957



16.3083, 24.1118, 49.1829

Rectangle

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



29.9328, 24.1118, 53.5285



34.1301, 24.1118, 25.7835



17.0941, 24.1118, 10.2957



14.4767, 24.1118, 26.7295

Sweetspot

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



29.9336, 24.1128, 53.5290



77.0397, 75.6823, 100.9080



29.1226, 31.5500, 55.0073



16.2335, 15.8173, 21.5827



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



29.9336, 24.1128, 53.5290



47.7418, 35.4706, 94.6905



38.2154, 28.3822, 53.9166



9.9974, 9.9898, 12.6861



9.7381, 4.2806, 33.8696



0.5003, 0.2259, 1.4671

Inverse Universe

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



34.5905, 26.9322, 34.8283



57.6062, 41.4429, 55.0778



30.0082, 43.3944, 24.2480



10.2785, 10.1600, 11.5571



16.0875, 8.1247, 8.3726



0.7299, 0.3650, 0.5450

Previews

White Background



This preview shows how the XYZ color 29.9328, 24.1118, 53.5285 looks on a white background.

Color Contrast Check

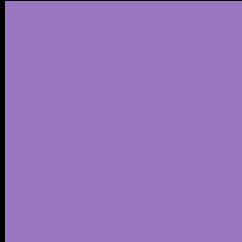
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.9328, 24.1118, 53.5285 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

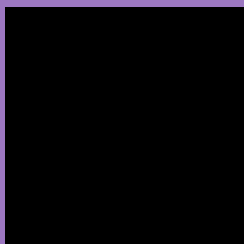
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 29.9328, 24.1118, 53.5285

Background



This preview shows how black text looks on a background with the XYZ color 29.9328, 24.1118, 53.5285.



This preview shows how white text looks on a background with the XYZ color 29.9328, 24.1118,

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

29.9328, 24.1118, 53.5285

Protanopia

25.7170, 24.4497, 60.4906

Deuteranopia

24.7520, 24.1376, 52.0696



Tritanopia

24.7489, 24.0618, 28.1509

Trichromacy



Original Color

29.9328, 24.1118, 53.5285

Protanomaly

26.8969, 24.1205, 57.8817

Deuteranomaly

26.3291, 23.9458, 52.5245

Tritanomaly

26.2965, 23.9089, 36.0298

Monochromacy



Original Color

29.9328, 24.1118, 53.5285

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

26.1863, 25.0255, 36.2511

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.9328, 24.1118, 53.5285 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(156, 119, 193)` looks like.

```
.text, #text, p{  
    color:rgb(156, 119, 193)  
}
```

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(156, 119, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 119, 193) }
```

Border

The CSS property to change the border of an element to XYZ 29.9328, 24.1118, 53.5285 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(156, 119, 193) }
```


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

```
.border{ border-color:rgb(156, 119, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 119, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 119, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 119, 193);  
box-shadow:4px 4px 4px 4px rgb(156, 119,  
193) }
```

Background

The CSS property to change the background color of an element to XYZ 29.9328, 24.1118, 53.5285 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 119, 193) }
```

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

```
.background{ background-color: rgb(156,  
119, 193) }
```

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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