

Converting Colors

XYZ(29.8595, 26.5572, 34.6878)

Have a look what the booklet for
XYZ(29.8595, 26.5572, 34.6878)
contains.

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Color

**XYZ(29.8354, 26.5473,
34.5620)**

Conversions

Conversions Part 1

Format	Color
Hex	A7829B
RGB	167, 130, 155
RGB Percent	65%, 51%, 61%
CMY	0.3451, 0.4902, 0.3922
CMYK	0.00, 0.22, 0.07, 0.35
HSL	319°, 17%, 58%
HSV	319°, 22%, 65%
XYZ	29.8354, 26.5473, 34.5620
YIQ	143.9130, 14.0270, 15.6190

Conversions

Conversions Part 2

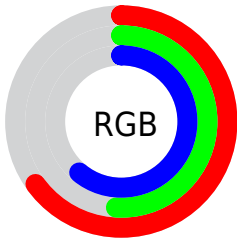
Format	Color
RYB	167, 130, 155
Decimal	10977947
CIELab	58.55, 18.46, -7.89
CIELCh	59, 20.075, 336.856
Yxy	26.5473, 0.3281, 0.2919
Android (android.graphics.Color)	4289168027 (0xFFA7829B)
YUV	143.9130, 5.4659, 20.2473
Hunter-Lab	51.5241, 13.1946, -3.7045

Details

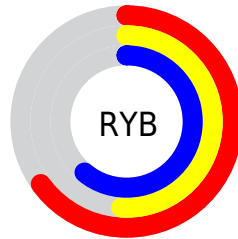
The XYZ color **29.8354, 26.5473, 34.5620** is a light color, and the websafe version is hex **996699**. A complement of this color would be **27.9082, 34.3371, 30.7496**, and the grayscale version is **26.4496, 27.8271, 30.3037**.

A 20% lighter version of the original color is **58.5663, 54.0000, 67.6579**, and **12.4376, 10.3816, 14.4450** is the 20% darker color. If you saturate the color by 10%, you get **27.3472, 22.2824, 31.5385**, and if you desaturate by 10%, it is **32.7061, 31.5438, 37.8143**.

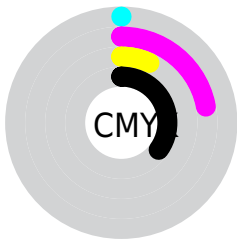
Distribution



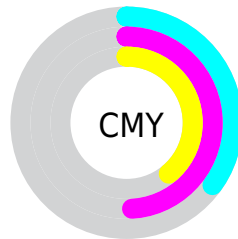
- Red (65%)
- Green (51%)
- Blue (61%)



- Red (65%)
- Yellow (51%)
- Blue (61%)



- Cyan (0%)
- Magenta (22%)
- Yellow (7%)
- Black (35%)



- Cyan (35%)
- Magenta (49%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.8354, 26.5473, 34.5620 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 29.8354, 26.5473, 34.5620 by changing the saturation by 10% instead.

■ 29.8354, 26.5473,
34.5620

■ 29.8354, 26.5473,
34.5620

293.0601,
285.4585, 337.4761

■ 19.8611, 17.2335,
23.0448

■ 58.7902, 54.1566,
67.9505

■ 12.4018, 10.4011,
14.4210

■ 78.5014, 73.2209,
90.6590

■ 7.0921, 5.6657,
8.2720

■ 102.1890, 96.3041,
117.9349

■ 3.5666, 2.6429,
4.1792

130.2184,
123.7907, 150.1969

■ 1.4600, 0.9483,
1.7242

162.9548,
156.0650, 187.8635

■ 0.2984, 0.0000,
0.3772

200.7636,

■ 0.0000, 0.0000,

193.5115, 231.3532

0.0000

244.0103,
236.5145, 281.0845

■ 29.8354, 26.5473,
34.5620

■ 29.8354, 26.5473,
34.5620

■ 27.3472, 22.2824,
31.5385

■ 32.7061, 31.5438,
37.8143

■ 25.2216, 18.7107,
28.7349

■ 35.9734, 37.3008,
41.3005

■ 23.4402, 15.7956,
26.1441

■ 39.6535, 43.8501,
45.0276

■ 21.9821, 13.4959,
23.7578

■ 43.7611, 51.2204,
49.0016

■ 20.8242, 11.7655,
21.5669

■ 48.3101, 59.4391,
53.2285

■ 19.9398, 10.5518,
19.5611

■ 53.3137, 68.5325,
57.7137

■ 19.2976, 9.7924,
17.7285

■ 58.7847, 78.5254,
62.4628

■ 18.9078, 9.4041,
16.3924

■ 61.9283, 83.8283,
66.5453

■ 62.5659, 84.0833,
69.9027

Harmonies

Analogous

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



28.1765, 26.5473, 41.1528



29.8354, 26.5473, 34.5620



30.2248, 26.5473, 27.3186

Triad

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



29.8354, 26.5473, 34.5620



24.6721, 26.5473, 17.4362



21.6346, 26.5473, 37.8138

Complementary

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



29.8354, 26.5473, 34.5620



27.9082, 34.3371, 30.7496

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.



20.8224, 26.5473, 30.5527



29.8354, 26.5473, 34.5620



22.5009, 26.5473, 19.3666

Square

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



29.8354, 26.5473, 34.5620



27.1371, 26.5473, 18.1548



21.1290, 26.5473, 23.9025



23.4190, 26.5473, 43.2331

Rectangle

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



29.8354, 26.5473, 34.5620



29.6908, 26.5473, 23.2087



21.1290, 26.5473, 23.9025



21.2443, 26.5473, 35.4657

Sweetspot

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



29.8362, 26.5485, 34.5626



61.4246, 61.5013, 70.8077



26.0656, 24.4824, 39.9115



13.6724, 13.6337, 15.7671



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



29.8362, 26.5485, 34.5626



50.9730, 43.3114, 58.9593



28.4198, 25.9819, 27.1039



7.7368, 7.6246, 8.9314



14.4914, 7.2053, 12.6653



0.3745, 0.1841, 0.4236

Inverse Universe

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



29.8362, 26.5485, 34.5626



50.9730, 43.3114, 58.9593



29.3897, 34.9297, 38.5510



7.7368, 7.6246, 8.9314



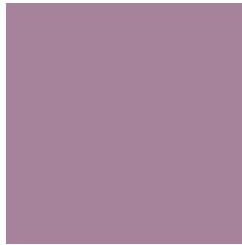
14.4914, 7.2053, 12.6653



0.3745, 0.1841, 0.4236

Previews

White Background



This preview shows how the XYZ color 29.8354, 26.5473, 34.5620 looks on a white background.

Color Contrast Check

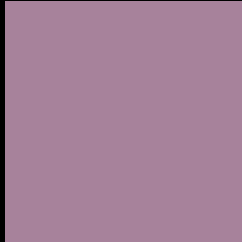
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.8354, 26.5473, 34.5620 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 29.8354, 26.5473, 34.5620

Background



This preview shows how black text looks on a background with the XYZ color 29.8354, 26.5473, 34.5620.



This preview shows how white text looks on a background with the XYZ color 29.8354, 26.5473,

34.5620.

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

29.8354, 26.5473, 34.5620

Protanopia

26.1276, 26.6477, 37.4847

Deuteranopia

27.1728, 26.6140, 34.2767



Tritanopia

28.6508, 26.4549, 29.1874

Trichromacy



Original Color

29.8354, 26.5473, 34.5620

Protanomaly

27.2749, 26.4074, 36.4605

Deuteranomaly

28.0681, 26.4512, 34.1981

Tritanomaly

29.1086, 26.4462, 31.1742

Monochromacy



Original Color

29.8354, 26.5473, 34.5620

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

27.5268, 27.2788, 31.8315

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.8354, 26.5473, 34.5620 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(167, 130, 155)` looks like.

```
.text, #text, p{  
    color:rgb(167, 130, 155)  
}
```

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(167, 130, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 130, 155) }
```

Border

The CSS property to change the border of an element to XYZ 29.8354, 26.5473, 34.5620 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(167, 130, 155) }
```


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

```
.border{ border-color:rgb(167, 130, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 130, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 130, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 130, 155);  
box-shadow:4px 4px 4px 4px rgb(167, 130,  
155) }
```

Background

The CSS property to change the background color of an element to XYZ 29.8354, 26.5473, 34.5620 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 130, 155) }
```

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

```
.background{ background-color: rgb(167,  
130, 155) }
```

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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