

Converting Colors

XYZ(29.7299, 26.7438, 32.2390)

Have a look what the booklet for
XYZ(29.7299, 26.7438, 32.2390)
contains.

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Color

**XYZ(29.7698, 26.7594,
32.4502)**

Conversions

Conversions Part 1

Format	Color
Hex	A88396
RGB	168, 131, 150
RGB Percent	66%, 51%, 59%
CMY	0.3412, 0.4863, 0.4118
CMYK	0.00, 0.22, 0.11, 0.34
HSL	329°, 18%, 59%
HSV	329°, 22%, 66%
XYZ	29.7698, 26.7594, 32.4502
YIQ	144.2290, 15.9530, 13.7530

Conversions

Conversions Part 2

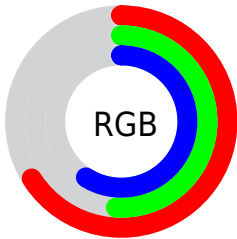
Format	Color
R_{YB}	168, 131, 150
Decimal	11043734
CIE _{Lab}	58.75, 17.36, -4.71
CIE _{LCh}	59, 17.985, 344.813
Yxy	26.7594, 0.3346, 0.3007
Android (android.graphics.Color)	4289233814 (0xFFA88396)
YUV	144.2290, 2.8451, 20.8472
Hunter-Lab	51.7295, 12.1983, -0.9823

Details

The XYZ color **29.7698, 26.7594, 32.4502** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **28.7886, 35.0013, 33.6740**, and the grayscale version is **26.5865, 27.9711, 30.4605**.

A 20% lighter version of the original color is **58.7800, 54.4879, 64.5459**, and **12.2648, 10.4305, 13.1713** is the 20% darker color. If you saturate the color by 10%, you get **27.0585, 22.3534, 28.4117**, and if you desaturate by 10%, it is **32.8944, 31.9179, 36.8536**.

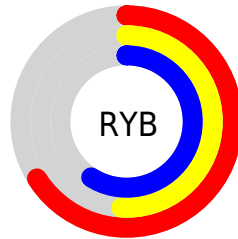
Distribution



Red (66%)

Green (51%)

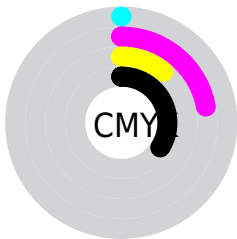
Blue (59%)



Red (66%)

Yellow (51%)

Blue (59%)

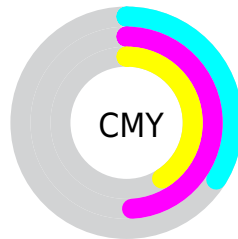


Cyan (0%)

Magenta (22%)

Yellow (11%)

Black (34%)



Cyan (34%)

Magenta (49%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.7698, 26.7594, 32.4502 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 29.7698, 26.7594, 32.4502 by changing the saturation by 10% instead.

■ 29.7698, 26.7594,
32.4502

■ 29.7698, 26.7594,
32.4502

292.7591,
286.4903, 327.7207

■ 19.8111, 17.3926,
21.4379

■ 58.6871, 54.4975,
64.6223

■ 12.3653, 10.5148,
13.2501

■ 78.3764, 73.6377,
86.6192

■ 7.0669, 5.7416,
7.4683

■ 102.0399, 96.8044,
113.1147

■ 3.5507, 2.6886,
3.6738

130.0431,
124.3821, 144.5274

■ 1.4512, 0.9714,
1.4481

162.7513,
156.7551, 181.2758

■ 0.2923, 0.0000,
0.1788

200.5297,

■ 0.0000, 0.0000,

194.3079, 223.7785

0.0000

243.7439,
237.4248, 272.4539

■ 29.7698, 26.7594,
32.4502

■ 29.7698, 26.7594,
32.4502

■ 27.0585, 22.3534,
28.4117

■ 32.8944, 31.9179,
36.8536

■ 24.7397, 18.6607,
24.7257

■ 36.4474, 37.8585,
41.6306

■ 22.7941, 15.6440,
21.3813

■ 40.4458, 44.6137,
46.7913

■ 21.1999, 13.2612,
18.3664

■ 44.9051, 52.2128,
52.3452

■ 19.9328, 11.4652,
15.6678

■ 49.8398, 60.6839,
58.3012

■ 18.9650, 10.2026,
13.2710

■ 55.2641, 70.0536,
64.6681

■ 18.2641, 9.4097,
11.1597

■ 61.1913, 80.3477,
71.4541

■ 17.8390, 9.0011,
9.6571

■ 64.2247, 84.7713,
77.5309

■ 65.3042, 85.2032,
83.2155

Harmonies

Analogous

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



28.5555, 26.7594, 38.6747



29.7698, 26.7594, 32.4502



29.7778, 26.7594, 26.1278

Triad

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



29.7698, 26.7594, 32.4502



24.3606, 26.7594, 18.8633



22.5306, 26.7594, 38.6067

Complementary

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



29.7698, 26.7594, 32.4502



28.7886, 35.0013, 33.6740

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.



21.5346, 26.7594, 32.3675



29.7698, 26.7594, 32.4502



22.5487, 26.7594, 21.3115

Square

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



29.7698, 26.7594, 32.4502



26.5662, 26.7594, 18.8788



21.5411, 26.7594, 26.0563



24.3345, 26.7594, 42.5648

Rectangle

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



29.7698, 26.7594, 32.4502



29.0936, 26.7594, 22.7128



21.5411, 26.7594, 26.0563



22.0950, 26.7594, 36.6697

Sweetspot

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



29.7706, 26.7606, 32.4508



62.7469, 63.0131, 71.0315



27.5584, 25.4396, 40.5042



13.5983, 13.6041, 15.3770



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.



29.7706, 26.7606, 32.4508



51.7395, 44.8330, 55.5401



28.4044, 26.2141, 25.2566



7.6859, 7.6042, 8.6629



13.4972, 6.8076, 7.4296



0.3541, 0.1759, 0.3162

Inverse Universe

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



29.7706, 26.7606, 32.4508



51.7395, 44.8330, 55.5401



30.3741, 35.6355, 42.0233



7.6859, 7.6042, 8.6629



13.4972, 6.8076, 7.4296



0.3541, 0.1759, 0.3162

Previews

White Background



This preview shows how the XYZ color 29.7698, 26.7594, 32.4502 looks on a white background.

Color Contrast Check

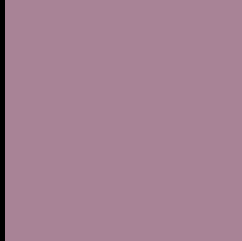
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.7698, 26.7594, 32.4502 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

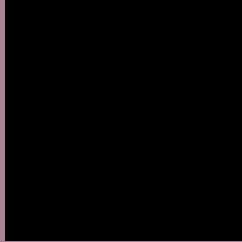
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 29.7698, 26.7594, 32.4502

Background



This preview shows how black text looks on a background with the XYZ color 29.7698, 26.7594, 32.4502.



This preview shows how white text looks on a background with the XYZ color 29.7698, 26.7594,

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

29.7698, 26.7594, 32.4502

Protanopia

26.3408, 27.0255, 35.2806

Deuteranopia

27.3194, 26.7366, 32.1546



Tritanopia

29.1455, 26.7012, 29.6043

Trichromacy



Original Color

29.7698, 26.7594, 32.4502

Protanomaly

27.3561, 26.7084, 34.2853

Deuteranomaly

28.1893, 26.7670, 32.1146

Tritanomaly

29.3759, 26.7933, 30.8175

Monochromacy



Original Color

29.7698, 26.7594, 32.4502

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

27.5578, 27.3129, 31.0136

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.7698, 26.7594, 32.4502 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(168, 131, 150)` looks like.

```
.text, #text, p{  
    color:rgb(168, 131, 150)  
}
```

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(168, 131, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 131, 150) }
```

Border

The CSS property to change the border of an element to XYZ 29.7698, 26.7594, 32.4502 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(168, 131, 150) }
```


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

```
.border{ border-color:rgb(168, 131, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 131, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(168, 131, 150); -webkit-box-shadow:4px 4px 4px 4px rgb(168, 131, 150); box-shadow:4px 4px 4px 4px rgb(168, 131, 150) }
```

Background

The CSS property to change the background color of an element to XYZ 29.7698, 26.7594, 32.4502 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 131, 150) }
```

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

```
.background{ background-color: rgb(168,  
131, 150) }
```

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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