

Converting Colors

XYZ(29.7974, 25.5385, 27.2750)

Have a look what the booklet for
XYZ(29.7974, 25.5385, 27.2750)
contains.

XYZ(29.9266, 25.5974, 27.4082)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(29.9266, 25.5974,
27.4082)**

Conversions

Conversions Part 1

Format	Color
Hex	B17C8A
RGB	177, 124, 138
RGB Percent	69%, 49%, 54%
CMY	0.3059, 0.5137, 0.4588
CMYK	0.00, 0.30, 0.22, 0.31
HSL	344°, 25%, 59%
HSV	344°, 30%, 69%
XYZ	29.9266, 25.5974, 27.4082
YIQ	141.4430, 27.0940, 15.5900

Conversions

Conversions Part 2

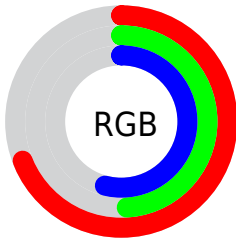
Format	Color
R_{YB}	177, 124, 138
Decimal	11631754
CIE _{Lab}	57.65, 22.69, 0.71
CIE _{LCh}	58, 22.696, 1.785
Y _{xy}	25.5974, 0.3609, 0.3087
Android (android.graphics.Color)	4289821834 (0xFFB17C8A)
YUV	141.4430, -1.6974, 31.1835
Hunter-Lab	50.5939, 17.0446, 3.2966

Details

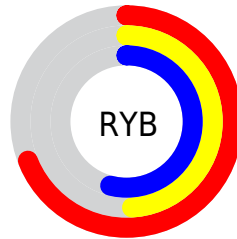
The XYZ color **29.9266, 25.5974, 27.4082** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **30.6463, 38.3745, 40.4441**, and the grayscale version is **25.4910, 26.8185, 29.2054**.

A 20% lighter version of the original color is **59.0578, 52.6983, 56.3493**, and **12.3786, 9.8131, 10.4742** is the 20% darker color. If you saturate the color by 10%, you get **27.0172, 21.1981, 22.0614**, and if you desaturate by 10%, it is **33.3487, 30.8406, 33.4845**.

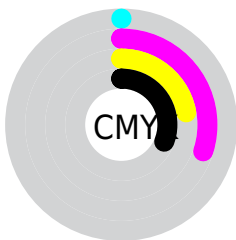
Distribution



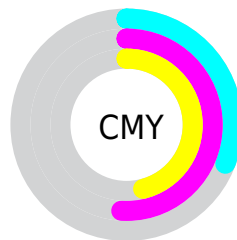
- Red (69%)
- Green (49%)
- Blue (54%)



- Red (69%)
- Yellow (49%)
- Blue (54%)



- Cyan (0%)
- Magenta (30%)
- Yellow (22%)
- Black (31%)



- Cyan (31%)
- Magenta (51%)
- Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 29.9266, 25.5974, 27.4082 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 29.9266, 25.5974, 27.4082 by changing the saturation by 10% instead.


 29.9266, 25.5974,
27.4082

 29.9266, 25.5974,
27.4082


293.4781,
280.8001, 303.4506


 19.9307, 16.5227,
17.6449

 58.9335, 52.6247,
56.5499

 12.4526, 9.8948,
10.5285


 78.6752, 71.3462,
76.7653

 7.1271, 5.3292,
5.6406


 102.3962, 94.0519,
101.3019

 3.5888, 2.4417,
2.5626

130.4618,
121.1265, 130.5782

 1.4722, 0.8472,
0.8730

163.2375,
152.9542, 165.0126

 0.3068, 0.0000,
0.0000

201.0885,

 0.0000, 0.0000,

189.9194, 205.0238

0.0000

244.3803,
232.4066, 251.0303

■ 29.9266, 25.5974,
27.4082

■ 29.9266, 25.5974,
27.4082

■ 27.0172, 21.1981,
22.0614

■ 33.3487, 30.8406,
33.4845

■ 24.5930, 17.5950,
17.4146

■ 37.3049, 36.9650,
40.3152

■ 22.6273, 14.7409,
13.4381


■ 41.8179, 44.0102,
47.9261

■ 21.0897, 12.5823,
10.0998


■ 46.9085, 52.0121,
56.3410


■ 19.9460, 11.0585,
7.3646


■ 52.5962, 61.0048,
65.5830


 19.1564, 10.0981,
5.1934

 58.9000, 71.0207,
75.6739

 18.6423, 9.5533,
3.5320

 65.8376, 82.0906,
86.6349

 18.6396, 9.5504,
3.5235

 69.9494, 87.2903,
97.3275

 71.9416, 88.0872,
107.8185

Harmonies

Analogous

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



29.2233, 25.5974, 35.5502



29.9266, 25.5974, 27.4082



29.0400, 25.5974, 20.7174

Triad

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



29.9266, 25.5974, 27.4082



21.6832, 25.5974, 17.0005



21.9451, 25.5974, 43.2224

Complementary

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



29.9266, 25.5974, 27.4082



30.6463, 38.3745, 40.4441

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.



20.1582, 25.5974, 36.5071



29.9266, 25.5974, 27.4082



20.0151, 25.5974, 21.3862

Square

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



29.9266, 25.5974, 27.4082



24.1673, 25.5974, 15.4439



19.4779, 25.5974, 28.3394



24.4925, 25.5974, 45.6352

Rectangle

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



29.9266, 25.5974, 27.4082



27.7023, 25.5974, 17.7013



19.4779, 25.5974, 28.3394



21.2423, 25.5974, 41.3387

Sweetspot

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



29.9273, 25.5986, 27.4087



67.4113, 67.1357, 73.2249



30.2214, 25.3634, 44.8981



14.3749, 14.1852, 15.4696



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



29.9273, 25.5986, 27.4087



50.0212, 40.4238, 42.5548



30.6264, 28.5153, 22.9601



8.5855, 8.5409, 9.3155



13.5268, 6.9283, 2.6684



0.4502, 0.2278, 0.2136

Inverse Universe

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



29.9273, 25.5986, 27.4087



50.0212, 40.4238, 42.5548



29.6381, 34.2385, 46.6419



8.5855, 8.5409, 9.3155



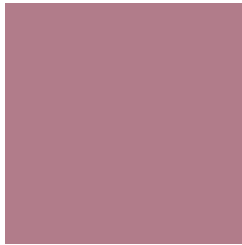
13.5268, 6.9283, 2.6684



0.4502, 0.2278, 0.2136

Previews

White Background



This preview shows how the XYZ color 29.9266, 25.5974, 27.4082 looks on a white background.

Color Contrast Check

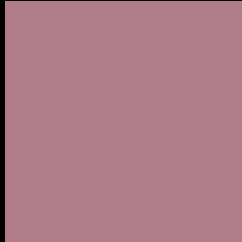
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.9266, 25.5974, 27.4082 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 29.9266, 25.5974, 27.4082

Background



This preview shows how black text looks on a background with the XYZ color 29.9266, 25.5974, 27.4082.



This preview shows how white text looks on a background with the XYZ color 29.9266, 25.5974,

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

29.9266, 25.5974, 27.4082

Protanopia

24.9242, 25.7412, 30.8490

Deuteranopia

26.1059, 25.6001, 26.8579



Tritanopia

29.7682, 25.7356, 25.9528

Trichromacy



Original Color

29.9266, 25.5974, 27.4082

Protanomaly

26.4823, 25.5305, 29.5187

Deuteranomaly

27.3983, 25.4528, 27.1357

Tritanomaly

29.8383, 25.7636, 26.3219

Monochromacy



Original Color

29.9266, 25.5974, 27.4082

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

26.7240, 26.0914, 28.4386

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.9266, 25.5974, 27.4082 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(177, 124, 138)` looks like.

```
.text, #text, p{  
    color:rgb(177, 124, 138)  
}
```

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(177, 124, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 124, 138) }
```

Border

The CSS property to change the border of an element to XYZ 29.9266, 25.5974, 27.4082 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(177, 124, 138) }
```


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

```
.border{ border-color:rgb(177, 124, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 124, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 124, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 124, 138);  
box-shadow:4px 4px 4px 4px rgb(177, 124,  
138) }
```

Background

The CSS property to change the background color of an element to XYZ 29.9266, 25.5974, 27.4082 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 124, 138) }
```

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

```
.background{ background-color: rgb(177,  
124, 138) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor