

Converting Colors

XYZ(29.7626, 27.1518, 30.6120)

Have a look what the booklet for
XYZ(29.7626, 27.1518, 30.6120)
contains.

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Color

**XYZ(29.8605, 27.2544,
30.4749)**

Conversions

Conversions Part 1

Format	Color
Hex	A98591
RGB	169, 133, 145
RGB Percent	66%, 52%, 57%
CMY	0.3373, 0.4784, 0.4314
CMYK	0.00, 0.21, 0.14, 0.34
HSL	340°, 17%, 59%
HSV	340°, 21%, 66%
XYZ	29.8605, 27.2544, 30.4749
YIQ	145.1320, 17.6040, 11.3640

Conversions

Conversions Part 2

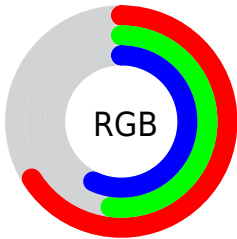
Format	Color
R_{YB}	169, 133, 145
Decimal	11109777
CIE _{Lab}	59.21, 15.73, -1.15
CIE _{LCh}	59, 15.769, 355.803
Yxy	27.2544, 0.3409, 0.3112
Android (android.graphics.Color)	4289299857 (0xFFA98591)
YUV	145.1320, -0.0651, 20.9322
Hunter-Lab	52.2057, 10.7379, 1.9337

Details

The XYZ color **29.8605, 27.2544, 30.4749** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **29.9477, 35.7974, 37.2310**, and the grayscale version is **26.9631, 28.3673, 30.8920**.

A 20% lighter version of the original color is **58.9190, 55.2489, 61.5916**, and **12.3613, 10.7257, 12.2452** is the 20% darker color. If you saturate the color by 10%, you get **26.9042, 22.6637, 25.4134**, and if you desaturate by 10%, it is **33.2769, 32.6266, 36.1156**.

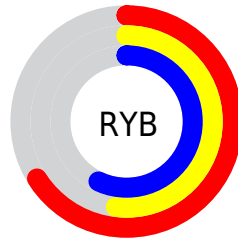
Distribution



Red (66%)

Green (52%)

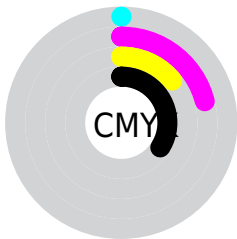
Blue (57%)



Red (66%)

Yellow (52%)

Blue (57%)

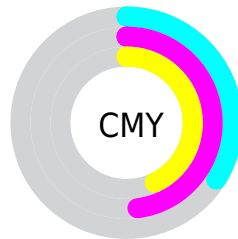


Cyan (0%)

Magenta (21%)

Yellow (14%)

Black (34%)



Cyan (34%)

Magenta (48%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.8605, 27.2544, 30.4749 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 29.8605, 27.2544, 30.4749 by changing the saturation by 10% instead.

■ 29.8605, 27.2544,
30.4749

■ 29.8605, 27.2544,
30.4749

293.1752,
288.8868, 318.3878

■ 19.8803, 17.7644,
19.9442

■ 58.8296, 55.2918,
61.4823

■ 12.4158, 10.7810,
12.1708

■ 78.5493, 74.6080,
82.7960

■ 7.1017, 5.9197,
6.7362

■ 102.2461, 97.9684,
108.5412

■ 3.5727, 2.7963,
3.2217

130.2854,
125.7573, 139.1364

■ 1.4634, 1.0264,
1.2089

163.0326,
158.3593, 175.0001

■ 0.3007, 0.0000,
0.0000

200.8531,

■ 0.0000, 0.0000,

196.1585, 216.5509

0.0000

244.1122,
239.5396, 264.2073

■ 29.8605, 27.2544,
30.4749

■ 29.8605, 27.2544,
30.4749

■ 26.9042, 22.6637,
25.4134

■ 33.2769, 32.6266,
36.1156

■ 24.3853, 18.8142,
20.9103

■ 37.1699, 38.8107,
42.3518

■ 22.2827, 15.6677,
16.9460

■ 41.5582, 45.8400,
49.2015

■ 20.5727, 13.1810,
13.4989

■ 46.4588, 53.7449,
56.6813

■ 19.2290, 11.3060,
10.5460

■ 51.8879, 62.5542,
64.8070

■ 18.2217, 9.9883,
8.0622

■ 57.8607, 72.2954,
73.5941

■ 17.5161, 9.1633,
6.0195

■ 64.3921, 82.9948,
83.0573

■ 17.0840, 8.7238,
4.5665

■ 67.1381, 85.9614,
91.7583

■ 68.8197, 86.6340,
100.6134

Harmonies

Analogous

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



29.1587, 27.2544, 36.1858



29.8605, 27.2544, 30.4749



29.4591, 27.2544, 25.2080

Triad

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



29.8605, 27.2544, 30.4749



24.2936, 27.2544, 20.9566



23.8374, 27.2544, 39.5609

Complementary

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



29.8605, 27.2544, 30.4749



29.9477, 35.7974, 37.2310

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.



22.6480, 27.2544, 34.6417



29.8605, 27.2544, 30.4749



22.9019, 27.2544, 23.9969

Square

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



29.8605, 27.2544, 30.4749



26.1822, 27.2544, 20.1346



22.3143, 27.2544, 28.8900



25.6288, 27.2544, 41.8353

Rectangle

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



29.8605, 27.2544, 30.4749



28.6302, 27.2544, 22.5705



22.3143, 27.2544, 28.8900



23.3575, 27.2544, 38.1338

Sweetspot

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



29.8613, 27.2556, 30.4755



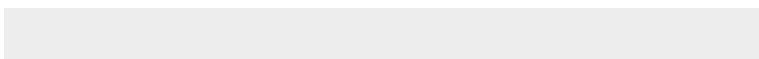
63.1080, 63.9971, 70.3443



29.4545, 26.8091, 41.1585



13.6616, 13.8007, 15.1827



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.



29.8613, 27.2556, 30.4755



50.6436, 44.3947, 49.7693



29.8293, 28.5949, 26.1390



7.6304, 7.5820, 8.3709



12.7552, 6.5108, 3.5226



0.3339, 0.1679, 0.2100

Inverse Universe

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



29.8613, 27.2556, 30.4755



50.6436, 44.3947, 49.7693



29.9324, 34.0462, 42.5302



7.6304, 7.5820, 8.3709



12.7552, 6.5108, 3.5226



0.3339, 0.1679, 0.2100

Previews

White Background



This preview shows how the XYZ color 29.8605, 27.2544, 30.4749 looks on a white background.

Color Contrast Check

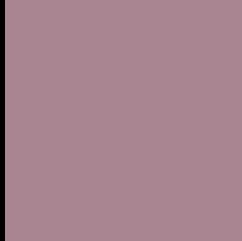
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.8605, 27.2544, 30.4749 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

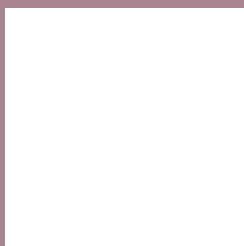
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 29.8605, 27.2544, 30.4749

Background



This preview shows how black text looks on a background with the XYZ color 29.8605, 27.2544, 30.4749.



This preview shows how white text looks on a background with the XYZ color 29.8605, 27.2544,

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

29.8605, 27.2544, 30.4749

Protanopia

26.5057, 27.3877, 32.7435

Deuteranopia

27.8328, 27.2585, 30.1800



Tritanopia

29.7838, 27.2237, 30.0705

Trichromacy



Original Color

29.8605, 27.2544, 30.4749

Protanomaly

27.5268, 27.2788, 31.8315

Deuteranomaly

28.5361, 27.1990, 30.1315

Tritanomaly

29.7838, 27.2237, 30.0705

Monochromacy



Original Color

29.8605, 27.2544, 30.4749

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

27.9621, 27.9641, 30.7119

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.8605, 27.2544, 30.4749 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(169, 133, 145)` looks like.

```
.text, #text, p{  
    color:rgb(169, 133, 145)  
}
```

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(169, 133, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 133, 145) }
```

Border

The CSS property to change the border of an element to XYZ 29.8605, 27.2544, 30.4749 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(169, 133, 145) }
```


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

```
.border{ border-color:rgb(169, 133, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 133, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 133, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 133, 145);  
box-shadow:4px 4px 4px 4px rgb(169, 133,  
145) }
```

Background

The CSS property to change the background color of an element to XYZ 29.8605, 27.2544, 30.4749 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 133, 145) }
```

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

```
.background{ background-color: rgb(169,  
133, 145) }
```

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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