

Converting Colors

XYZ(29.8611, 27.2781, 25.7370)

Have a look what the booklet for
XYZ(29.8611, 27.2781, 25.7370)
contains.

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Color

**XYZ(29.8547, 27.3527,
25.8964)**

Conversions

Conversions Part 1

Format	Color
Hex	AD8585
RGB	173, 133, 133
RGB Percent	68%, 52%, 52%
CMY	0.3216, 0.4784, 0.4784
CMYK	0.00, 0.23, 0.23, 0.32
HSL	0°, 20%, 60%
HSV	0°, 23%, 68%
XYZ	29.8547, 27.3527, 25.8964
YIQ	144.9600, 23.8400, 8.4800

Conversions

Conversions Part 2

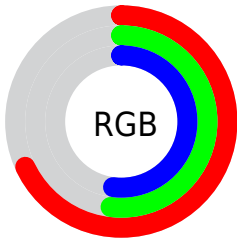
Format	Color
R_{YB}	173, 133, 133
Decimal	11371909
CIE _{Lab}	59.30, 15.32, 5.91
CIE _{LCh}	59, 16.417, 21.106
Yxy	27.3527, 0.3592, 0.3291
Android (android.graphics.Color)	4289561989 (0xFFAD8585)
YUV	144.9600, -5.8963, 24.5911
Hunter-Lab	52.2998, 10.3699, 7.2523

Details

The XYZ color **29.8547, 27.3527, 25.8964** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **32.1589, 37.8898, 45.1538**, and the grayscale version is **26.9144, 28.3160, 30.8361**.

A 20% lighter version of the original color is **58.7349, 55.3210, 54.0367**, and **12.4392, 10.8197, 9.8203** is the 20% darker color. If you saturate the color by 10%, you get **26.5802, 22.5613, 19.3858**, and if you desaturate by 10%, it is **33.7177, 33.0055, 33.5750**.

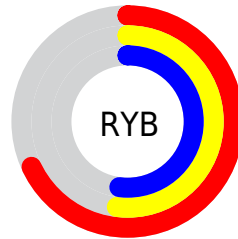
Distribution



Red (68%)

Green (52%)

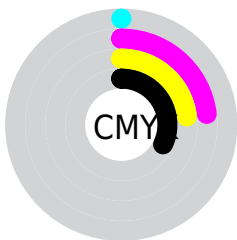
Blue (52%)



Red (68%)

Yellow (52%)

Blue (52%)

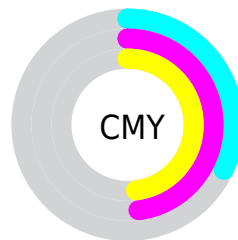


Cyan (0%)

Magenta (23%)

Yellow (23%)

Black (32%)



Cyan (32%)


Magenta (48%)

Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 29.8547, 27.3527, 25.8964 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 29.8547, 27.3527, 25.8964 by changing the saturation by 10% instead.


 29.8547, 27.3527,
25.8964


 29.8547, 27.3527,
25.8964


293.1486,
289.3608, 295.8624


 19.8759, 17.8383,
16.5211


 58.8205, 55.4493,
54.0898

 12.4126, 10.8339,
9.7353


 78.5382, 74.8003,
73.7450

 7.0995, 5.9553,
5.1205


 102.2329, 98.1990,
97.6638

 3.5713, 2.8179,
2.2582

130.2699,
126.0297, 126.2649

 1.4626, 1.0374,
0.7076

163.0146,
158.6768, 159.9668

 0.3002, 0.0000,
0.0000

200.8324,

 0.0000, 0.0000,

196.5248, 199.1879

0.0000

244.0886,
239.9580, 244.3470

■ 29.8547, 27.3527,
25.8964

■ 29.8547, 27.3527,
25.8964

■ 26.5802, 22.5613,
19.3858

■ 33.7177, 33.0055,
33.5750

■ 23.8631, 18.5854,
13.9844

■ 38.1936, 39.5549,
42.4731

■ 21.6731, 15.3808,
9.6309

■ 43.3082, 47.0390,
52.6411

■ 19.9761, 12.8975,
6.2575

■ 49.0853, 55.4925,
64.1261

■ 18.7338, 11.0796,
3.7880

■ 55.5474, 64.9481,
76.9728

■ 17.9025, 9.8631,
2.1357

■ 62.7158, 75.4374,
91.2239

■ 17.4298, 9.1714,
1.1963

■ 70.6111, 86.9902,
106.9201

■ 17.2338, 8.8846,
0.8066

■ 71.0436, 87.6243,
107.7765

Harmonies

Analogous

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



30.0935, 27.3527, 31.5636



29.8547, 27.3527, 25.8964



28.5544, 27.3527, 21.8259

Triad

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



29.8547, 27.3527, 25.8964



23.0467, 27.3527, 23.2368



25.3928, 27.3527, 42.3975

Complementary

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



29.8547, 27.3527, 25.8964



32.1589, 37.8898, 45.1538

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.



23.5988, 27.3527, 39.4699



29.8547, 27.3527, 25.8964



22.2919, 27.3527, 28.0696

Square

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



29.8547, 27.3527, 25.8964



24.6030, 27.3527, 20.4367



22.4885, 27.3527, 34.0390



27.4446, 27.3527, 41.6151

Rectangle

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



29.8547, 27.3527, 25.8964



27.2964, 27.3527, 20.3208



22.4885, 27.3527, 34.0390



24.7413, 27.3527, 41.8019

Sweetspot

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



29.8554, 27.3540, 25.8970



65.0604, 65.9500, 69.4224



33.1641, 28.6767, 43.3225



14.0396, 14.1869, 14.8894



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



29.8554, 27.3540, 25.8970



50.1931, 44.1951, 39.8665



32.8587, 33.3604, 26.8980



8.0053, 8.0155, 8.3386



12.6608, 6.5271, 0.5926



0.3522, 0.1816, 0.0165

Inverse Universe

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



32.1589, 37.8898, 45.1538



55.0835, 66.5636, 80.7506



28.6072, 30.7864, 43.9699



8.2363, 9.0720, 10.2697



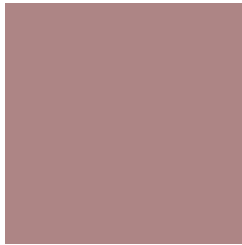
16.5177, 24.1693, 32.8391



0.4595, 0.6724, 0.9136

Previews

White Background



This preview shows how the XYZ color 29.8547, 27.3527, 25.8964 looks on a white background.

Color Contrast Check

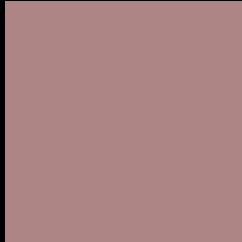
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.8547, 27.3527, 25.8964 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 29.8547, 27.3527, 25.8964

Background



This preview shows how black text looks on a background with the XYZ color 29.8547, 27.3527, 25.8964.



This preview shows how white text looks on a background with the XYZ color 29.8547, 27.3527,

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

29.8547, 27.3527, 25.8964

Protanopia

26.2931, 27.3840, 27.9446

Deuteranopia

27.9513, 27.4200, 25.6492



Tritanopia

30.5893, 27.4542, 29.2781

Trichromacy



Original Color

29.8547, 27.3527, 25.8964

Protanomaly

27.3869, 27.3107, 27.1206

Deuteranomaly

28.4861, 27.2736, 25.5927

Tritanomaly

30.3670, 27.3653, 28.1076

Monochromacy



Original Color

29.8547, 27.3527, 25.8964

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

27.8502, 27.9414, 29.1247

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.8547, 27.3527, 25.8964 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(173, 133, 133)` looks like.

```
.text, #text, p{  
    color:rgb(173, 133, 133)  
}
```

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(173, 133, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 133, 133) }
```

Border

The CSS property to change the border of an element to XYZ 29.8547, 27.3527, 25.8964 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(173, 133, 133) }
```


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

```
.border{ border-color:rgb(173, 133, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 133, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 133, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 133, 133);  
box-shadow:4px 4px 4px 4px rgb(173, 133,  
133) }
```

Background

The CSS property to change the background color of an element to XYZ 29.8547, 27.3527, 25.8964 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 133, 133) }
```

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

```
.background{ background-color: rgb(173,  
133, 133) }
```

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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