

Converting Colors

XYZ(27.7121, 24.5407, 31.5549)

Have a look what the booklet for
XYZ(27.7121, 24.5407, 31.5549)
contains.

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Color

**XYZ(27.6587, 24.5185,
31.7085)**

Conversions

Conversions Part 1

Format	Color
Hex	A27D95
RGB	162, 125, 149
RGB Percent	64%, 49%, 58%
CMY	0.3647, 0.5098, 0.4157
CMYK	0.00, 0.23, 0.08, 0.36
HSL	321°, 17%, 56%
HSV	321°, 23%, 64%
XYZ	27.6587, 24.5185, 31.7085
YIQ	138.7990, 14.3480, 15.3080

Conversions

Conversions Part 2

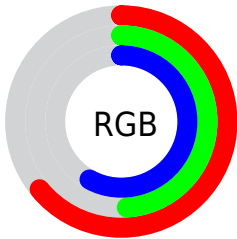
Format	Color
R _Y B	162, 125, 149
Decimal	10648981
CIE Lab	56.60, 18.39, -7.39
CIE LCh	57, 19.819, 338.111
Yxy	24.5185, 0.3297, 0.2923
Android (android.graphics.Color)	4288839061 (0xFFA27D95)
YUV	138.7990, 5.0291, 20.3473
Hunter-Lab	49.5162, 13.0531, -3.3060

Details

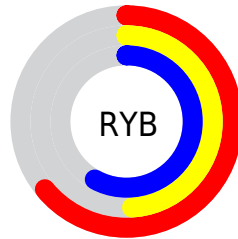
The XYZ color **27.6587, 24.5185, 31.7085** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **25.9662, 32.0363, 28.8613**, and the grayscale version is **24.4413, 25.7141, 28.0027**.

A 20% lighter version of the original color is **55.3152, 50.9043, 63.4100**, and **11.2195, 9.3657, 12.7717** is the 20% darker color. If you saturate the color by 10%, you get **25.3295, 20.5694, 28.7445**, and if you desaturate by 10%, it is **30.3461, 29.1476, 34.9020**.

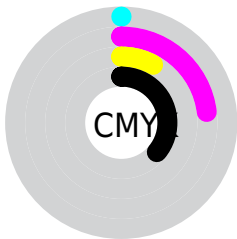
Distribution



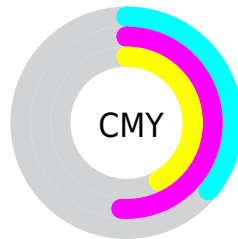
- Red (64%)
- Green (49%)
- Blue (58%)



- Red (64%)
- Yellow (49%)
- Blue (58%)



- Cyan (0%)
- Magenta (23%)
- Yellow (8%)
- Black (36%)



- Cyan (36%)
- Magenta (51%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.6587, 24.5185, 31.7085 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 27.6587, 24.5185, 31.7085 by changing the saturation by 10% instead.

■ 27.6587, 24.5185,
31.7085

■ 27.6587, 24.5185,
31.7085

282.9422,
275.4315, 324.2409

■ 18.2077, 15.7187,
20.8760

■ 55.3515, 50.8750,
63.4464

■ 11.1998, 9.3253,
12.8430

■ 74.3241, 69.2005,
85.1889

■ 6.2697, 4.9540,
7.1911

■ 97.2011, 91.4700,
111.4051

■ 3.0519, 2.2203,
3.5016

124.3481,
118.0679, 142.5136

■ 1.1813, 0.7310,
1.3561

156.1304,
149.3786, 178.9328

■ 0.0915, 0.0000,
0.1071

192.9132,

■ 0.0000, 0.0000,

185.7865, 221.0815

0.0000

235.0620,
227.6760, 269.3780

■ 27.6587, 24.5185,
31.7085

■ 27.6587, 24.5185,
31.7085

■ 25.3295, 20.5694,
28.7445

■ 30.3461, 29.1476,
34.9020

■ 23.3398, 17.2646,
26.0015

■ 33.4048, 34.4839,
38.3302

■ 21.6724, 14.5700,
23.4724

■ 36.8502, 40.5568,
41.9999

■ 20.3078, 12.4469,
21.1491

■ 40.6959, 47.3933,
45.9171

■ 19.2242, 10.8523,
19.0227

■ 44.9548, 55.0189,
50.0876

■ 18.3967, 9.7369,
17.0831

■ 49.6394, 63.4579,
54.5168

■ 17.7958, 9.0423,
15.3189

■ 54.7616, 72.7337,
59.2102

■ 17.4542, 8.7030,
14.1452

■ 60.3328, 82.8687,
64.1729

■ 61.1130, 83.3825,
67.6595

Harmonies

Analogous

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



26.1450, 24.5185, 37.9683



27.6587, 24.5185, 31.7085



27.9680, 24.5185, 24.9471

Triad

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



27.6587, 24.5185, 31.7085



22.6850, 24.5185, 16.0078



19.9910, 24.5185, 35.3123

Complementary

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



27.6587, 24.5185, 31.7085



25.9662, 32.0363, 28.8613

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.



19.1898, 24.5185, 28.5257



27.6587, 24.5185, 31.7085



20.6769, 24.5185, 17.9105

Square

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



27.6587, 24.5185, 31.7085



24.9941, 24.5185, 16.5742



19.4324, 24.5185, 22.2426



21.6921, 24.5185, 40.2760

Rectangle

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



27.6587, 24.5185, 31.7085



27.4317, 24.5185, 21.1564



19.4324, 24.5185, 22.2426



19.6128, 24.5185, 33.1280

Sweetspot

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



27.6594, 24.5196, 31.7090



58.1739, 58.2803, 66.8589



24.3292, 22.6761, 37.2774



12.9963, 12.9686, 14.9387



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



27.6594, 24.5196, 31.7090



48.1565, 41.0099, 54.9974



26.3011, 23.9762, 24.5560



7.2581, 7.1597, 8.3456



13.7717, 6.8647, 11.2541



0.3105, 0.1527, 0.3475

Inverse Universe

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



27.6594, 24.5196, 31.7090



48.1565, 41.0099, 54.9974



27.4175, 32.6168, 36.5038



7.2581, 7.1597, 8.3456



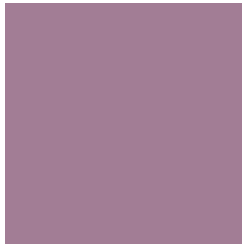
13.7717, 6.8647, 11.2541



0.3105, 0.1527, 0.3475

Previews

White Background



This preview shows how the XYZ color 27.6587, 24.5185, 31.7085 looks on a white background.

Color Contrast Check

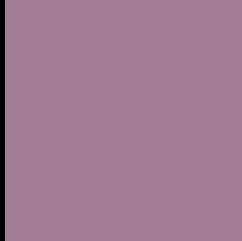
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.6587, 24.5185, 31.7085 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 27.6587, 24.5185, 31.7085

Background



This preview shows how black text looks on a background with the XYZ color 27.6587, 24.5185, 31.7085.



This preview shows how white text looks on a background with the XYZ color 27.6587, 24.5185,

31.7085.

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

27.6587, 24.5185, 31.7085

Protanopia

24.2532, 24.6810, 34.4960

Deuteranopia

25.0982, 24.5699, 31.4366



Tritanopia

26.6019, 24.4585, 26.9858

Trichromacy



Original Color

27.6587, 24.5185, 31.7085

Protanomaly

25.3677, 24.4618, 33.5216

Deuteranomaly

25.9581, 24.4179, 31.3620

Tritanomaly

26.9665, 24.4219, 28.4919

Monochromacy



Original Color

27.6587, 24.5185, 31.7085

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

25.5156, 25.2364, 29.5129

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.6587, 24.5185, 31.7085 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(162, 125, 149)` looks like.

```
.text, #text, p{  
    color:rgb(162, 125, 149)  
}
```

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(162, 125, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 125, 149) }
```

Border

The CSS property to change the border of an element to XYZ 27.6587, 24.5185, 31.7085 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(162, 125, 149) }
```


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

```
.border{ border-color:rgb(162, 125, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 125, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(162, 125, 149); -webkit-box-shadow:4px 4px 4px 4px rgb(162, 125, 149); box-shadow:4px 4px 4px 4px rgb(162, 125, 149) }
```

Background

The CSS property to change the background color of an element to XYZ 27.6587, 24.5185, 31.7085 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 125, 149) }
```

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

```
.background{ background-color: rgb(162,  
125, 149) }
```

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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