

Converting Colors

XYZ(27.0166, 24.3090, 26.1898)

Have a look what the booklet for
XYZ(27.0166, 24.3090, 26.1898)
contains.

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Color

**XYZ(27.0166, 24.3090,
26.1898)**

Conversions

Conversions Part 1

Format	Color
Hex	A47D87
RGB	164, 125, 135
RGB Percent	64%, 49%, 53%
CMY	0.3569, 0.5098, 0.4706
CMYK	0.00, 0.24, 0.18, 0.36
HSL	345°, 18%, 57%
HSV	345°, 24%, 64%
XYZ	27.0166, 24.3090, 26.1898
YIQ	137.8010, 20.0340, 11.3780

Conversions

Conversions Part 2

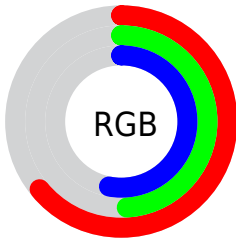
Format	Color
RYB	164, 125, 135
Decimal	10780039
CIELab	56.40, 16.70, 0.44
CIELCh	56, 16.706, 1.507
Yxy	24.3090, 0.3485, 0.3136
Android (android.graphics.Color)	4288970119 (0xFFA47D87)
YUV	137.8010, -1.3809, 22.9765
Hunter-Lab	49.3042, 11.5282, 3.0187

Details

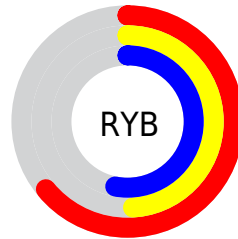
The XYZ color **27.0166, 24.3090, 26.1898** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **27.5666, 33.2446, 35.5374**, and the grayscale version is **24.0819, 25.3361, 27.5910**.

A 20% lighter version of the original color is **54.2109, 50.5317, 54.4733**, and **10.9062, 9.2695, 9.8087** is the 20% darker color. If you saturate the color by 10%, you get **24.2994, 20.1707, 21.2875**, and if you desaturate by 10%, it is **30.1764, 29.1745, 31.7255**.

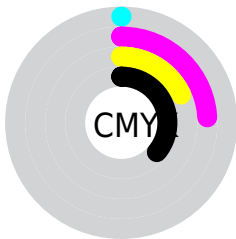
Distribution



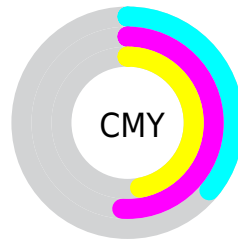
- Red (64%)
- Green (49%)
- Blue (53%)



- Red (64%)
- Yellow (49%)
- Blue (53%)



- Cyan (0%)
- Magenta (24%)
- Yellow (18%)
- Black (36%)



- Cyan (36%)
- Magenta (51%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.0166, 24.3090, 26.1898 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 27.0166, 24.3090, 26.1898 by changing the saturation by 10% instead.

■ 27.0166, 24.3090,
26.1898

■ 27.0166, 24.3090,
26.1898

279.9036,
274.3790, 297.3476

■ 17.7223, 15.5630,
16.7386

■ 54.3302, 50.5340,
54.5688

■ 10.8493, 9.2155,
9.8883

■ 73.0803, 68.7817,
74.3338

■ 6.0321, 4.8820,
5.2204

■ 95.7130, 90.9655,
98.3737

■ 2.9055, 2.1782,
2.3161

122.5937,
117.4698, 127.1072

■ 1.1040, 0.7081,
0.7402

154.0877,
148.6788, 160.9528

■ 0.0284, 0.0000,
0.0000

190.5605,

■ 0.0000, 0.0000,

184.9771, 200.3291

0.0000

232.3773,
226.7491, 245.6545

■ 27.0166, 24.3090,
26.1898

■ 27.0166, 24.3090,
26.1898

■ 24.2994, 20.1707,
21.2875

■ 30.1764, 29.1745,
31.7255

■ 22.0025, 16.7213,
16.9942

■ 33.7955, 34.7964,
37.9149

■ 20.1050, 13.9241,
13.2858

■ 37.8924, 41.2064,
44.7793

■ 18.5832, 11.7376,
10.1362

■ 42.4837, 48.4334,
52.3384

■ 17.4107, 10.1153,
7.5171

■ 47.5853, 56.5049,
60.6113

■ 16.5575, 9.0043,
5.3977

■ 53.2126, 65.4470,
69.6161

■ 15.9884, 8.3412,
3.7432

■ 59.3801, 75.2846,
79.3705

■ 15.7286, 8.0600,
2.9211

■ 65.7162, 85.2711,
89.7629

■ 67.5153, 85.9907,
99.2367

Harmonies

Analogous

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



26.5222, 24.3090, 31.8688



27.0166, 24.3090, 26.1898



26.4153, 24.3090, 21.2937

Triad

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



27.0166, 24.3090, 26.1898



21.2194, 24.3090, 18.4022



21.3796, 24.3090, 36.9505

Complementary

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



27.0166, 24.3090, 26.1898



27.5666, 33.2446, 35.5374

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.



20.0834, 24.3090, 32.4200



27.0166, 24.3090, 26.1898



19.9946, 24.3090, 21.7153

Square

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



27.0166, 24.3090, 26.1898



23.0075, 24.3090, 17.2025



19.5904, 24.3090, 26.7489



23.2027, 24.3090, 38.5771

Rectangle

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



27.0166, 24.3090, 26.1898



25.4925, 24.3090, 18.9912



19.5904, 24.3090, 26.7489



20.8714, 24.3090, 35.6882

Sweetspot

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



27.0173, 24.3101, 26.1903



59.0462, 59.5821, 64.9194



27.2857, 24.1796, 38.3512



12.8287, 12.9015, 14.0564



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.



27.0173, 24.3101, 26.1903



46.1000, 39.6367, 42.2696



27.5512, 26.4521, 23.0571



7.1448, 7.1144, 7.7491



12.0769, 6.1868, 2.3294



0.2717, 0.1372, 0.1436

Inverse Universe

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



27.0173, 24.3101, 26.1903



46.1000, 39.6367, 42.2696



26.8638, 30.4505, 39.5838



7.1448, 7.1144, 7.7491



12.0769, 6.1868, 2.3294



0.2717, 0.1372, 0.1436

Previews

White Background



This preview shows how the XYZ color 27.0166, 24.3090, 26.1898 looks on a white background.

Color Contrast Check

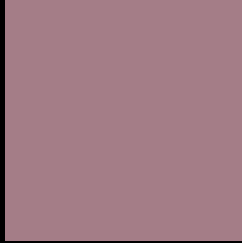
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.0166, 24.3090, 26.1898 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 27.0166, 24.3090, 26.1898

Background



This preview shows how black text looks on a background with the XYZ color 27.0166, 24.3090, 26.1898.



This preview shows how white text looks on a background with the XYZ color 27.0166, 24.3090,

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

27.0166, 24.3090, 26.1898

Protanopia

23.6250, 24.4853, 28.6803

Deuteranopia

24.8138, 24.3434, 25.9452



Tritanopia

27.0166, 24.3090, 26.1898

Trichromacy



Original Color

27.0166, 24.3090, 26.1898

Protanomaly

24.6306, 24.2077, 27.8005

Deuteranomaly

25.4798, 24.2918, 25.9001

Tritanomaly

27.0166, 24.3090, 26.1898

Monochromacy



Original Color

27.0166, 24.3090, 26.1898

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

24.9355, 24.7842, 27.1365

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.0166, 24.3090, 26.1898 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(164, 125, 135)` looks like.

```
.text, #text, p{  
    color:rgb(164, 125, 135)  
}
```

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(164, 125, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 125, 135) }
```

Border

The CSS property to change the border of an element to XYZ 27.0166, 24.3090, 26.1898 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(164, 125, 135) }
```


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

```
.border{ border-color:rgb(164, 125, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 125, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 125, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 125, 135);  
box-shadow:4px 4px 4px 4px rgb(164, 125,  
135) }
```

Background

The CSS property to change the background color of an element to XYZ 27.0166, 24.3090, 26.1898 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 125, 135) }
```

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

```
.background{ background-color: rgb(164,  
125, 135) }
```

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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