

Converting Colors

XYZ(26.9810, 23.9124, 31.5067)

Have a look what the booklet for
XYZ(26.9810, 23.9124, 31.5067)
contains.

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Color

**XYZ(27.1297, 24.0588,
31.6477)**

Conversions

Conversions Part 1

Format	Color
Hex	A07C95
RGB	160, 124, 149
RGB Percent	63%, 49%, 58%
CMY	0.3725, 0.5137, 0.4157
CMYK	0.00, 0.22, 0.07, 0.37
HSL	318°, 16%, 56%
HSV	318°, 22%, 63%
XYZ	27.1297, 24.0588, 31.6477
YIQ	137.6140, 13.4310, 15.4070

Conversions

Conversions Part 2

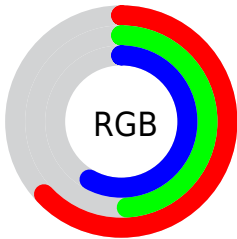
Format	Color
R _Y B	160, 124, 149
Decimal	10517653
CIE Lab	56.15, 18.23, -8.09
CIE LCh	56, 19.947, 336.069
Yxy	24.0588, 0.3275, 0.2904
Android (android.graphics.Color)	4288707733 (0xFFA07C95)
YUV	137.6140, 5.6133, 19.6325
Hunter-Lab	49.0498, 12.8922, -3.9200

Details

The XYZ color **27.1297, 24.0588, 31.6477** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **25.2571, 31.1767, 27.6096**, and the grayscale version is **23.9869, 25.2361, 27.4821**.

A 20% lighter version of the original color is **54.5260, 50.2032, 63.3163**, and **10.9050, 9.1021, 12.7374** is the 20% darker color. If you saturate the color by 10%, you get **24.9029, 20.2166, 29.0199**, and if you desaturate by 10%, it is **29.6996, 28.5604, 34.4713**.

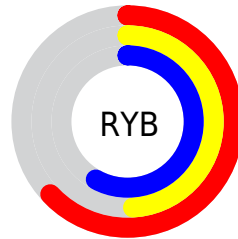
Distribution



Red (63%)

Green (49%)

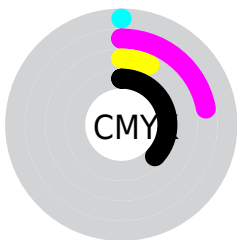
Blue (58%)



Red (63%)

Yellow (49%)

Blue (58%)

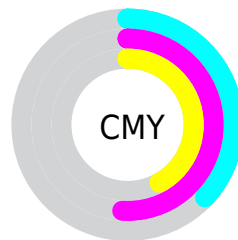


Cyan (0%)

Magenta (22%)

Yellow (7%)

Black (37%)



Cyan (37%)

Magenta (51%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.1297, 24.0588, 31.6477 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 27.1297, 24.0588, 31.6477 by changing the saturation by 10% instead.

■ 27.1297, 24.0588,
31.6477

■ 27.1297, 24.0588,
31.6477

280.4407,
273.1176, 323.9544

■ 17.8077, 15.3772,
20.8300

■ 54.5103, 50.1261,
63.3499

■ 10.9109, 9.0846,
12.8097

■ 73.2997, 68.2807,
85.0714

■ 6.0738, 4.7964,
7.1685

■ 95.9757, 90.3617,
111.2645

■ 2.9311, 2.1283,
3.4876

122.9035,
116.7536, 142.3479

■ 1.1174, 0.6805,
1.3487

154.4485,
147.8408, 178.7401

■ 0.0396, 0.0000,
0.1012

190.9762,

■ 0.0000, 0.0000,

184.0075, 220.8595

0.0000

232.8518,
225.6384, 269.1248

■ 27.1297, 24.0588,
31.6477

■ 27.1297, 24.0588,
31.6477

■ 24.9029, 20.2166,
29.0199

■ 29.6996, 28.5604,
34.4713

■ 23.0013, 16.9992,
26.5801

■ 32.6254, 33.7475,
37.4951

■ 21.4084, 14.3736,
24.3221

■ 35.9217, 39.6486,
40.7251

■ 20.1054, 12.3025,
22.2387

■ 39.6015, 46.2899,
44.1667

■ 19.0714, 10.7446,
20.3217

■ 43.6775, 53.6959,
47.8250

■ 18.2826, 9.6523,
18.5622

■ 48.1615, 61.8903,
51.7048

■ 17.7105, 8.9693,
16.9497

■ 53.0650, 70.8955,
55.8108

■ 17.3726, 8.6238,
15.8188

■ 58.3988, 80.7332,
60.1476

■ 59.8836, 82.8442,
63.2895

Harmonies

Analogous

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



25.5570, 24.0588, 37.7600



27.1297, 24.0588, 31.6477



27.5279, 24.0588, 24.8860

Triad

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



27.1297, 24.0588, 31.6477



22.4051, 24.0588, 15.5563



19.4915, 24.0588, 34.3383

Complementary

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



27.1297, 24.0588, 31.6477



25.2571, 31.1767, 27.6096

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.



18.7646, 24.0588, 27.5510



27.1297, 24.0588, 31.6477



20.3730, 24.0588, 17.2727

Square

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



27.1297, 24.0588, 31.6477



24.6990, 24.0588, 16.2828



19.0763, 24.0588, 21.4092



21.1282, 24.0588, 39.4859

Rectangle

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



27.1297, 24.0588, 31.6477



27.0520, 24.0588, 21.0389



19.0763, 24.0588, 21.4092



19.1378, 24.0588, 32.1335

Sweetspot

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



27.1304, 24.0599, 31.6482



56.6923, 56.7497, 65.4877



23.5134, 22.0889, 36.2825



12.3708, 12.3350, 14.2977



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



27.1304, 24.0599, 31.6482



47.1532, 40.0347, 55.0229



25.8160, 23.5341, 24.7269



6.8178, 6.7200, 7.8914



13.5530, 6.7258, 12.4291



0.2602, 0.1274, 0.3162

Inverse Universe

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



27.1304, 24.0599, 31.6482



47.1532, 40.0347, 55.0229



26.6171, 31.7207, 34.7710



6.8178, 6.7200, 7.8914



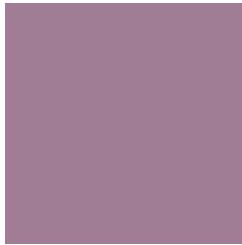
13.5530, 6.7258, 12.4291



0.2602, 0.1274, 0.3162

Previews

White Background



This preview shows how the XYZ color 27.1297, 24.0588, 31.6477 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 27.1297, 24.0588, 31.6477 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

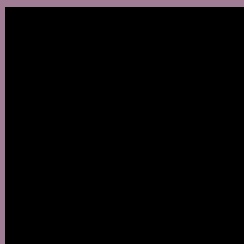
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 27.1297, 24.0588, 31.6477

Background



This preview shows how black text looks on a background with the XYZ color 27.1297, 24.0588, 31.6477.



This preview shows how white text looks on a background with the XYZ color 27.1297, 24.0588,

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

27.1297, 24.0588, 31.6477

Protanopia

23.8016, 24.2420, 34.4351

Deuteranopia

24.6169, 24.1215, 31.3754



Tritanopia

26.0053, 23.9684, 26.5483

Trichromacy



Original Color

27.1297, 24.0588, 31.6477

Protanomaly

24.8877, 24.0160, 33.4608

Deuteranomaly

25.4589, 23.9660, 31.3010

Tritanomaly

26.4394, 23.9612, 28.4308

Monochromacy



Original Color

27.1297, 24.0588, 31.6477

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

25.1241, 24.8390, 29.0614

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.1297, 24.0588, 31.6477 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(160, 124, 149)` looks like.

```
.text, #text, p{  
    color:rgb(160, 124, 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(160, 124, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 124, 149) }
```

Border

The CSS property to change the border of an element to XYZ 27.1297, 24.0588, 31.6477 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(160, 124, 149) }
```


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

```
.border{ border-color:rgb(160, 124, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 124, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 124, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 124, 149);  
box-shadow:4px 4px 4px 4px rgb(160, 124,  
149) }
```

Background

The CSS property to change the background color of an element to XYZ 27.1297, 24.0588, 31.6477 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 124, 149) }
```

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

```
.background{ background-color: rgb(160,  
124, 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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