

Converting Colors

XYZ(27.0946, 24.7926, 21.0793)

Have a look what the booklet for
XYZ(27.0946, 24.7926, 21.0793)
contains.

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Color

**XYZ(27.1280, 24.8596,
21.1379)**

Conversions

Conversions Part 1

Format	Color
Hex	A87F78
RGB	168, 127, 120
RGB Percent	66%, 50%, 47%
CMY	0.3412, 0.5019, 0.5294
CMYK	0.00, 0.24, 0.29, 0.34
HSL	9°, 22%, 56%
HSV	9°, 29%, 66%
XYZ	27.1280, 24.8596, 21.1379
YIQ	138.4610, 26.6830, 6.5150

Conversions

Conversions Part 2

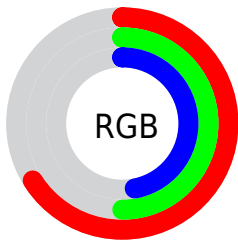
Format	Color
RYB	168, 128, 120
Decimal	11042680
CIELab	56.94, 14.81, 9.95
CIElCh	57, 17.844, 33.889
Yxy	24.8596, 0.3710, 0.3400
Android (android.graphics.Color)	4289232760 (0xFFA87F78)
YUV	138.4610, -9.1013, 25.9057
Hunter-Lab	49.8594, 9.8661, 9.7656

Details

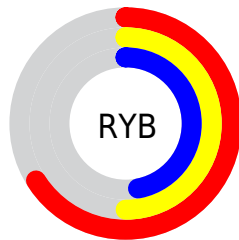
The XYZ color **27.1280, 24.8596, 21.1379** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **27.5582, 32.3091, 41.8298**, and the grayscale version is **24.3608, 25.6294, 27.9105**.

A 20% lighter version of the original color is **54.5081, 51.4684, 46.0912**, and **10.9643, 9.5615, 7.3986** is the 20% darker color. If you saturate the color by 10%, you get **24.4735, 21.0416, 15.6565**, and if you desaturate by 10%, it is **30.2266, 29.2793, 27.6505**.

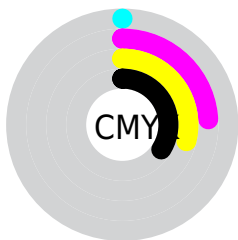
Distribution



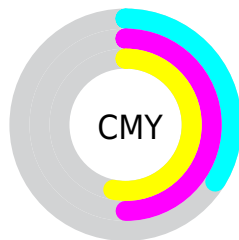
- Red (66%)
- Green (50%)
- Blue (47%)



- Red (66%)
- Yellow (50%)
- Blue (47%)



- Cyan (0%)
- Magenta (24%)
- Yellow (29%)
- Black (34%)



- Cyan (34%)
- Magenta (50%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.1280, 24.8596, 21.1379 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 27.1280, 24.8596, 21.1379 by changing the saturation by 10% instead.

■ 27.1280, 24.8596,
21.1379

■ 27.1280, 24.8596,
21.1379

280.4326,
277.1380, 270.8155

■ 17.8065, 15.9725,
13.0326

■ 54.5076, 51.4294,
46.2007

■ 10.9100, 9.5047,
7.3200

■ 73.2964, 69.8808,
63.9953

■ 6.0732, 5.0718,
3.5816

■ 95.9717, 92.2891,
85.8567

■ 2.9307, 2.2895,
1.3987

122.8988,
119.0387, 112.2035

■ 1.1172, 0.7681,
0.1407

154.4431,
150.5141, 143.4543

■ 0.0395, 0.0000,
0.0000

190.9699,

■ 0.0000, 0.0000,

187.0994, 180.0275

0.0000

232.8446,
229.1793, 222.3417

■ 27.1280, 24.8596,
21.1379

■ 27.1280, 24.8596,
21.1379

■ 24.4735, 21.0416,
15.6565

■ 30.2266, 29.2793,
27.6505

■ 22.2408, 17.7960,
11.1518

■ 33.7866, 34.3217,
35.2420

■ 20.4085, 15.0961,
7.5667

■ 37.8265, 40.0109,
43.9587

■ 18.9523, 12.9116,
4.8375

■ 42.3634, 46.3687,
53.8440

■ 17.8455, 11.2093,
2.8922

■ 47.4134, 53.4159,
64.9389

■ 17.0576, 9.9523,
1.6471

■ 52.9921, 61.1724,
77.2824

■ 16.5436, 9.0940,
0.9523

■ 59.1141, 69.6574,
90.9118

■ 16.4858, 8.9994,
0.8682

■ 65.7936, 78.8891,
105.8627

■ 69.9585, 87.0649,
107.7257

Harmonies

Analogous

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



27.8740, 24.8596, 26.2938



27.1280, 24.8596, 21.1379



25.4436, 24.8596, 17.9835

Triad

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



27.1280, 24.8596, 21.1379



20.1965, 24.8596, 22.3068



23.9023, 24.8596, 40.2683

Complementary

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



27.1280, 24.8596, 21.1379



27.5582, 32.3091, 41.8298

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.



21.9015, 24.8596, 38.7889



27.1280, 24.8596, 21.1379



19.8372, 24.8596, 27.8570

Square

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



27.1280, 24.8596, 21.1379



21.4552, 24.8596, 18.5852



20.4433, 24.8596, 34.0145



25.9434, 24.8596, 37.8039

Rectangle

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



27.1280, 24.8596, 21.1379



24.0592, 24.8596, 17.1512



20.4433, 24.8596, 34.0145



23.2026, 24.8596, 40.2176

Sweetspot

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



27.1287, 24.8608, 21.1384



60.9026, 61.7054, 63.0766



29.3513, 24.3525, 37.1501



13.0671, 13.1565, 13.3044



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.



27.1287, 24.8608, 21.1384



46.2186, 40.7913, 32.1198



30.5092, 31.6218, 22.2652



7.6162, 7.7124, 7.8765



12.4736, 6.8444, 0.6637



0.3290, 0.2176, 0.0247

Inverse Universe

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



27.5582, 32.3091, 41.8298



47.1155, 56.4439, 75.6366



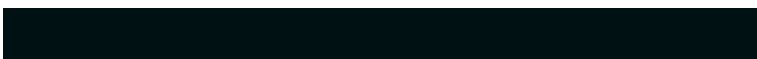
23.8451, 24.8829, 40.5921



7.6529, 8.3427, 9.6253



12.8394, 17.1391, 30.6070



0.3369, 0.4661, 0.7529

Previews

White Background



This preview shows how the XYZ color 27.1280, 24.8596, 21.1379 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 27.1280, 24.8596, 21.1379 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 27.1280, 24.8596, 21.1379

Background



This preview shows how black text looks on a background with the XYZ color 27.1280, 24.8596, 21.1379.



This preview shows how white text looks on a background with the XYZ color 27.1280, 24.8596,

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

27.1280, 24.8596, 21.1379

Protanopia

23.6612, 24.8398, 22.9495

Deuteranopia

25.4857, 25.0025, 20.9355



Tritanopia

28.2143, 24.9345, 25.8800

Trichromacy



Original Color

27.1280, 24.8596, 21.1379

Protanomaly

24.7252, 24.7844, 22.2196

Deuteranomaly

26.0103, 24.8742, 20.8831

Tritanomaly

27.7855, 24.9417, 24.1187

Monochromacy



Original Color

27.1280, 24.8596, 21.1379

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

25.0163, 25.0784, 24.9949

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.1280, 24.8596, 21.1379 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(168, 127, 120)` looks like.

```
.text, #text, p{  
    color:rgb(168, 127, 120)  
}
```

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(168, 127, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 127, 120) }
```

Border

The CSS property to change the border of an element to XYZ 27.1280, 24.8596, 21.1379 is called "border". The border property can be set on classes, ids or directly on the HTML element.

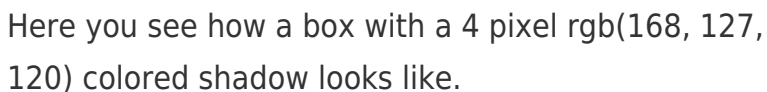
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(168, 127, 120) }
```


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

```
.border{ border-color:rgb(168, 127, 120) }
```

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



Here you see how a box with a 4 pixel `rgb(168, 127, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(168, 127, 120); -webkit-box-shadow:4px 4px 4px 4px rgb(168, 127, 120); box-shadow:4px 4px 4px 4px rgb(168, 127, 120) }
```

Background

The CSS property to change the background color of an element to XYZ 27.1280, 24.8596, 21.1379 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 127, 120) }
```

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

```
.background{ background-color: rgb(168,  
127, 120) }
```

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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