

Converting Colors

XYZ(30.9977, 26.8282, 21.7026)

Have a look what the booklet for
XYZ(30.9977, 26.8282, 21.7026)
contains.

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Color

**XYZ(31.0481, 26.8735,
21.6398)**

Conversions

Conversions Part 1

Format	Color
Hex	B97F79
RGB	185, 127, 121
RGB Percent	73%, 50%, 47%
CMY	0.2745, 0.5019, 0.5255
CMYK	0.00, 0.31, 0.35, 0.27
HSL	6°, 31%, 60%
HSV	6°, 35%, 73%
XYZ	31.0481, 26.8735, 21.6398
YIQ	143.6580, 36.4940, 10.4300

Conversions

Conversions Part 2

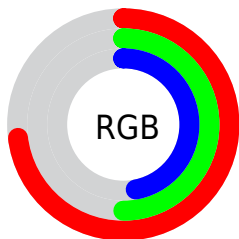
Format	Color
R_{YB}	185, 128, 121
Decimal	12156793
CIE _{Lab}	58.86, 21.69, 12.35
CIE _{LCh}	59, 24.961, 29.652
Yxy	26.8735, 0.3902, 0.3378
Android (android.graphics.Color)	4290346873 (0xFFB97F79)
YUV	143.6580, -11.1704, 36.2569
Hunter-Lab	51.8397, 16.1888, 11.5379

Details

The XYZ color **31.0481, 26.8735, 21.6398** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **32.7615, 39.8063, 51.8555**, and the grayscale version is **26.4055, 27.7807, 30.2532**.

A 20% lighter version of the original color is **60.4820, 54.5369, 46.8741**, and **13.0295, 10.5215, 7.4750** is the 20% darker color. If you saturate the color by 10%, you get **28.0327, 22.4874, 15.5640**, and if you desaturate by 10%, it is **34.6428, 32.0697, 28.9826**.

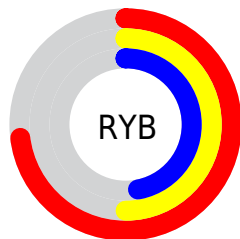
Distribution



Red (73%)

Green (50%)

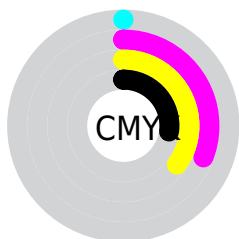
Blue (47%)



Red (73%)

Yellow (50%)

Blue (47%)

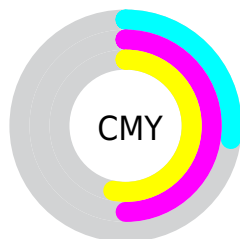


Cyan (0%)

Magenta (31%)

Yellow (35%)

Black (27%)



Cyan (27%)

Magenta (50%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 31.0481, 26.8735, 21.6398 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 31.0481, 26.8735, 21.6398 by changing the saturation by 10% instead.

■ 31.0481, 26.8735,
21.6398

■ 31.0481, 26.8735,
21.6398

298.5828,
287.0441, 273.5513

■ 20.7875, 17.4782,
13.3967

■ 60.6911, 54.6808,
47.0445

■ 13.0803, 10.5760,
7.5683

■ 80.8042, 73.8616,
65.0431

■ 7.5613, 5.7825,
3.7362

■ 104.9322, 97.0731,
87.1307

■ 3.8649, 2.7133,
1.4818

133.4404,
124.6997, 113.7257

■ 1.6260, 0.9840,
0.2043

166.6943,
157.1256, 145.2467

■ 0.4093, 0.0000,
0.0000

205.0590,

■ 0.0000, 0.0000,

194.7354, 182.1123

0.0000

248.9001,
237.9135, 224.7410

■ 31.0481, 26.8735,
21.6398

■ 31.0481, 26.8735,
21.6398

■ 28.0327, 22.4874,
15.5640

■ 34.6428, 32.0697,
28.9826

■ 25.5641, 18.8669,
10.6820

■ 38.8427, 38.1100,
37.6569

■ 23.6100, 15.9693,
6.9154


■ 43.6748, 45.0309,
47.7245


■ 22.1338, 13.7457,
4.1760


■ 49.1637, 52.8659,
59.2432


■ 21.0937, 12.1416,
2.3621


■ 55.3328, 61.6464,
72.2672

 20.4411, 11.0937,
1.3511

 62.2043, 71.4027,
86.8481

 20.2136, 10.7263,
1.0050

 69.7994, 82.1635,
103.0350

 73.8176, 89.0543,
107.9063

Harmonies

Analogous

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



31.9405, 26.8735, 29.3640



31.0481, 26.8735, 21.6398



28.6561, 26.8735, 16.9193

Triad

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



31.0481, 26.8735, 21.6398



20.7609, 26.8735, 21.4939



25.5064, 26.8735, 49.7319

Complementary

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



31.0481, 26.8735, 21.6398



32.7615, 39.8063, 51.8555

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.



22.6629, 26.8735, 46.4922



31.0481, 26.8735, 21.6398



20.0615, 26.8735, 29.1576

Square

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



31.0481, 26.8735, 21.6398



22.7206, 26.8735, 16.8478



20.7295, 26.8735, 38.4887



28.5888, 26.8735, 46.6329

Rectangle

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



31.0481, 26.8735, 21.6398



26.6222, 26.8735, 15.5359



20.7295, 26.8735, 38.4887



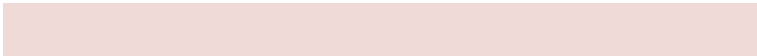
24.4924, 26.8735, 49.3401

Sweetspot

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



31.0488, 26.8748, 21.6403



73.2591, 73.5485, 75.1180



35.0493, 27.2709, 46.4187



15.5375, 15.4892, 15.6619



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



31.0488, 26.8748, 21.6403



51.1594, 41.6654, 29.7819



35.7426, 36.2625, 23.2049



9.0706, 9.1441, 9.3938



13.7885, 7.3534, 0.6926



0.5088, 0.3047, 0.0320

Inverse Universe

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



32.7615, 39.8063, 51.8555



54.7033, 68.5005, 92.5433



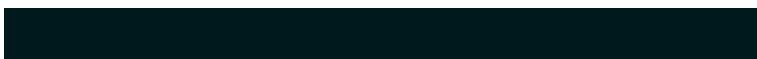
27.1800, 28.6433, 49.9950



9.1927, 10.0627, 11.5372



15.4812, 21.4222, 34.5720



0.5668, 0.7974, 1.2258

Previews

White Background



This preview shows how the XYZ color 31.0481, 26.8735, 21.6398 looks on a white background.

Color Contrast Check

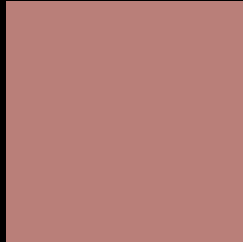
Large Text (above 18pt) WCAG AA ✓ Pass

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 31.0481, 26.8735, 21.6398 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 31.0481, 26.8735, 21.6398

Background



This preview shows how black text looks on a background with the XYZ color 31.0481, 26.8735, 21.6398.



This preview shows how white text looks on a background with the XYZ color 31.0481, 26.8735,

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

31.0481, 26.8735, 21.6398

Protanopia

25.6339, 26.9042, 24.2640

Deuteranopia

27.5853, 27.1157, 21.2327



Tritanopia

31.8864, 26.8276, 26.0519

Trichromacy



Original Color

31.0481, 26.8735, 21.6398

Protanomaly

27.2038, 26.6661, 23.1153

Deuteranomaly

28.7910, 26.9018, 21.4444

Tritanomaly

31.6730, 26.9458, 24.3006

Monochromacy



Original Color

31.0481, 26.8735, 21.6398

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

27.8305, 27.3255, 27.1001

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.0481, 26.8735, 21.6398 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(185, 127, 121)` looks like.

```
.text, #text, p{  
    color:rgb(185, 127, 121)  
}
```

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(185, 127, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 127, 121) }
```

Border

The CSS property to change the border of an element to XYZ 31.0481, 26.8735, 21.6398 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(185, 127, 121) }
```


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

```
.border{ border-color:rgb(185, 127, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 127, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 127, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 127, 121);  
box-shadow:4px 4px 4px 4px rgb(185, 127,  
121) }
```

Background

The CSS property to change the background color of an element to XYZ 31.0481, 26.8735, 21.6398 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 127, 121) }
```

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

```
.background{ background-color: rgb(185,  
127, 121) }
```

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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