

Converting Colors

XYZ(31.0397, 26.6643, 28.3222)

Have a look what the booklet for
XYZ(31.0397, 26.6643, 28.3222)
contains.

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Color

**XYZ(31.1454, 26.7755,
28.3376)**

Conversions

Conversions Part 1

Format	Color
Hex	B47F8C
RGB	180, 127, 140
RGB Percent	71%, 50%, 55%
CMY	0.2941, 0.5019, 0.4510
CMYK	0.00, 0.29, 0.22, 0.29
HSL	345°, 26%, 60%
HSV	345°, 29%, 71%
XYZ	31.1454, 26.7755, 28.3376
YIQ	144.3290, 27.4150, 15.2790

Conversions

Conversions Part 2

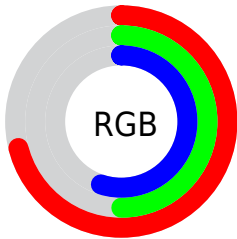
Format	Color
RYB	180, 127, 140
Decimal	11829132
CIELab	58.77, 22.44, 1.21
CIElCh	59, 22.477, 3.098
Yxy	26.7755, 0.3611, 0.3104
Android (android.graphics.Color)	4290019212 (0xFFB47F8C)
YUV	144.3290, -2.1342, 31.2835
Hunter-Lab	51.7450, 16.8855, 3.7520

Details

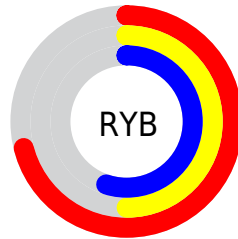
The XYZ color **31.1454, 26.7755, 28.3376** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **32.0499, 39.9452, 42.5822**, and the grayscale version is **26.6431, 28.0306, 30.5254**.

A 20% lighter version of the original color is **60.8719, 54.4973, 57.7628**, and **13.1035, 10.4816, 11.0054** is the 20% darker color. If you saturate the color by 10%, you get **28.0844, 22.1587, 22.6762**, and if you desaturate by 10%, it is **34.7470, 32.2749, 34.7900**.

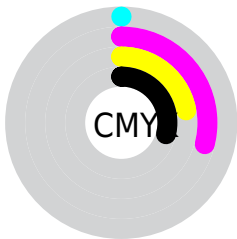
Distribution



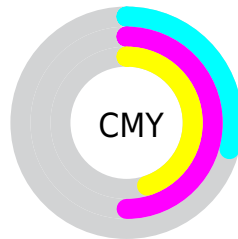
- Red (71%)
- Green (50%)
- Blue (55%)



- Red (71%)
- Yellow (50%)
- Blue (55%)



- Cyan (0%)
- Magenta (29%)
- Yellow (22%)
- Black (29%)



- Cyan (29%)
- Magenta (50%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 31.1454, 26.7755, 28.3376 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 31.1454, 26.7755, 28.3376 by changing the saturation by 10% instead.

■ 31.1454, 26.7755,
28.3376

■ 31.1454, 26.7755,
28.3376

299.0225,
286.5685, 308.0391

■ 20.8620, 17.4047,
18.3390

■ 60.8432, 54.5234,
58.0526

■ 13.1350, 10.5234,
11.0217

■ 80.9883, 73.6693,
78.6060

■ 7.5992, 5.7474,
5.9671

■ 105.1513, 96.8423,
103.5149

■ 3.8892, 2.6921,
2.7566

133.6975,
124.4269, 133.1977

■ 1.6397, 0.9732,
0.9717

166.9925,
156.8074, 168.0730

■ 0.4180, 0.0000,
0.0000

205.4014,

■ 0.0000, 0.0000,

194.3682, 208.5593

0.0000

249.2896,
237.4938, 255.0752

■ 31.1454, 26.7755,
28.3376

■ 31.1454, 26.7755,
28.3376

■ 28.0844, 22.1587,
22.6762

■ 34.7470, 32.2749,
34.7900

■ 25.5350, 18.3747,
17.7733

■ 38.9115, 38.6958,
42.0611

■ 23.4691, 15.3745,
13.5961


■ 43.6630, 46.0793,
50.1791


■ 21.8548, 13.1025,
10.1091


■ 49.0233, 54.4629,
59.1705


■ 20.6562, 11.4956,
7.2733

■ 55.0131, 63.8821,
69.0604


 19.8316, 10.4797,
5.0457

 61.6522, 74.3708,
79.8731

 19.3051, 9.9138,
3.3686

 68.9594, 85.9610,
91.6319

 19.2798, 9.8863,
3.2890

 71.6327, 88.0434,
102.5859

 72.6325, 88.4434,
107.8509

Harmonies

Analogous

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



30.4995, 26.7755, 36.6130



31.1454, 26.7755, 28.3376



30.1760, 26.7755, 21.5940

Triad

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



31.1454, 26.7755, 28.3376



22.6509, 26.7755, 18.1535



23.1152, 26.7755, 44.9782

Complementary

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



31.1454, 26.7755, 28.3376



32.0499, 39.9452, 42.5822

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.



21.2439, 26.7755, 38.2998



31.1454, 26.7755, 28.3376



20.9899, 26.7755, 22.7837

Square

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



31.1454, 26.7755, 28.3376



25.1626, 26.7755, 16.4234



20.4938, 26.7755, 29.9859



25.7382, 26.7755, 47.1872

Rectangle

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



31.1454, 26.7755, 28.3376



28.7825, 26.7755, 18.5803



20.4938, 26.7755, 29.9859



22.3840, 26.7755, 43.1285

Sweetspot

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



31.1461, 26.7767, 28.3381



70.7877, 70.5243, 76.6677



31.7121, 26.6637, 46.6554



15.0503, 14.8569, 16.1397



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



31.1461, 26.7767, 28.3381



52.9436, 43.2127, 44.8962



32.0687, 30.0661, 24.1934



8.5790, 8.5383, 9.2814



13.4790, 6.9092, 2.4166



0.4476, 0.2268, 0.1998

Inverse Universe

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



31.1461, 26.7767, 28.3381



52.9436, 43.2127, 44.8962



30.7646, 35.3541, 48.3828



8.5790, 8.5383, 9.2814



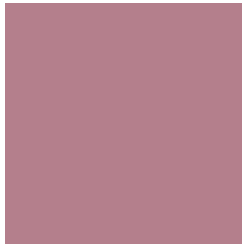
13.4790, 6.9092, 2.4166



0.4476, 0.2268, 0.1998

Previews

White Background



This preview shows how the XYZ color 31.1454, 26.7755, 28.3376 looks on a white background.

Color Contrast Check

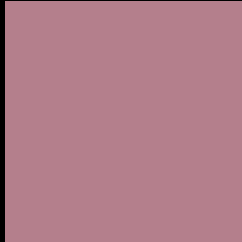
Large Text (above 18pt) WCAG AA ✓ Pass

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 31.1454, 26.7755, 28.3376 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

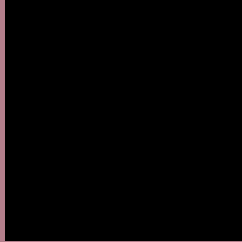
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 31.1454, 26.7755, 28.3376

Background



This preview shows how black text looks on a background with the XYZ color 31.1454, 26.7755, 28.3376.



This preview shows how white text looks on a background with the XYZ color 31.1454, 26.7755,

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

31.1454, 26.7755, 28.3376

Protanopia

26.0255, 26.9387, 31.8450

Deuteranopia

27.4377, 26.8944, 27.7898



Tritanopia

30.9271, 26.6882, 27.1882

Trichromacy



Original Color

31.1454, 26.7755, 28.3376

Protanomaly

27.6253, 26.7206, 30.4896

Deuteranomaly

28.5648, 26.6385, 28.0623

Tritanomaly

30.9992, 26.7170, 27.5678

Monochromacy



Original Color

31.1454, 26.7755, 28.3376

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

27.9510, 27.3282, 29.7883

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.1454, 26.7755, 28.3376 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(180, 127, 140)` looks like.

```
.text, #text, p{  
    color:rgb(180, 127, 140)  
}
```

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(180, 127, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 127, 140) }
```

Border

The CSS property to change the border of an element to XYZ 31.1454, 26.7755, 28.3376 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(180, 127, 140) }
```


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

```
.border{ border-color:rgb(180, 127, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 127, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 127, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 127, 140);  
box-shadow:4px 4px 4px 4px rgb(180, 127,  
140) }
```

Background

The CSS property to change the background color of an element to XYZ 31.1454, 26.7755, 28.3376 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 127, 140) }
```

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

```
.background{ background-color: rgb(180,  
127, 140) }
```

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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