

# Converting Colors

XYZ(31.1490, 26.4948, 25.0233)

Have a look what the booklet for  
XYZ(31.1490, 26.4948, 25.0233)  
contains.

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# Color

**XYZ(31.1975, 26.4963,  
24.9427)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	<b>B87D83</b>
RGB	<b>184, 125, 131</b>
RGB Percent	<b>72%, 49%, 51%</b>
CMY	<b>0.2784, 0.5098, 0.4863</b>
CMYK	<b>0.00, 0.32, 0.29, 0.28</b>
HSL	<b>354°, 29%, 61%</b>
HSV	<b>354°, 32%, 72%</b>
XYZ	<b>31.1975, 26.4963, 24.9427</b>
YIQ	<b>143.3250, 33.2380, 14.3740</b>

# Conversions

## Conversions Part 2

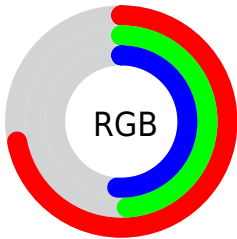
<b>Format</b>	<b>Color</b>
<b>RYB</b>	184, 125, 131
Decimal	12090755
CIELab	58.51, 23.76, 6.08
CIELCh	59, 24.526, 14.359
Yxy	26.4963, 0.3775, 0.3206
Android (android.graphics.Color)	4290280835 (0xFFB87D83)
YUV	143.3250, -6.0762, 35.6720
Hunter-Lab	51.4746, 18.1041, 7.3024

# Details

The XYZ color **31.1975, 26.4963, 24.9427** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **33.6350, 41.8559, 48.4280**, and the grayscale version is **26.2532, 27.6204, 30.0786**.

A 20% lighter version of the original color is **60.8478, 54.0023, 52.5639**, and **13.0923, 10.3085, 9.2823** is the 20% darker color. If you saturate the color by 10%, you get **28.0479, 21.8492, 18.7995**, and if you desaturate by 10%, it is **34.9588, 32.0804, 32.1722**.

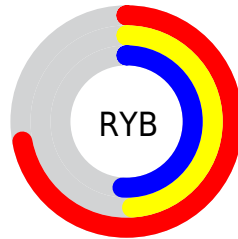
# Distribution



Red (72%)

Green (49%)

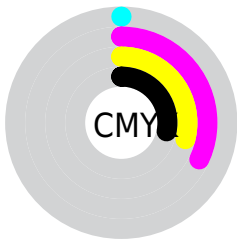
Blue (51%)



Red (72%)

Yellow (49%)

Blue (51%)

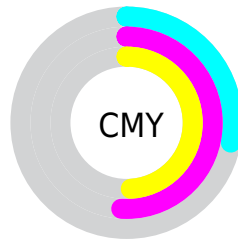


Cyan (0%)

Magenta (32%)

Yellow (29%)

Black (28%)



Cyan (28%)

Magenta (51%)


Yellow (49%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 31.1975, 26.4963, 24.9427 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 31.1975, 26.4963, 24.9427 by changing the saturation by 10% instead.





 31.1975, 26.4963,  
24.9427


 31.1975, 26.4963,  
24.9427


299.2578,  
285.2100, 290.9910


 20.9018, 17.1953,  
15.8157


 60.9246, 54.0745,  
52.5272

 13.1643, 10.3738,  
9.2409


 81.0868, 73.1205,  
71.8219

 7.6196, 5.6475,  
4.7997

 105.2685, 96.1837,  
95.3428

 3.9023, 2.6320,  
2.0735

133.8351,  
123.6483, 123.5086

 1.6470, 0.9428,  
0.6000

167.1520,  
155.8989, 156.7378

 0.4227, 0.0000,  
0.0000

205.5845,

 0.0000, 0.0000,

193.3197, 195.4489

0.0000

249.4980,  
236.2953, 240.0604

■ 31.1975, 26.4963,  
24.9427

■ 31.1975, 26.4963,  
24.9427

■ 28.0479, 21.8492,  
18.7995

■ 34.9588, 32.0804,  
32.1722

■ 25.4756, 18.0842,  
13.6885

■ 39.3595, 38.6449,  
40.5355

■ 23.4458, 15.1466,  
9.5535


■ 44.4284, 46.2351,  
50.0788


■ 21.9195, 12.9738,  
6.3319


■ 50.1917, 54.8924,  
60.8457


■ 20.8520, 11.4947,  
3.9541


■ 56.6743, 64.6558,  
72.8774

 20.1908, 10.6243,  
2.3403

 63.8999, 75.5625,  
86.2131

 19.8822, 10.2364,  
1.5307

 71.8910, 87.6478,  
100.8903

 73.5772, 88.9304,  
107.8951

# Harmonies

## Analogous

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



31.1590, 26.4963, 33.5384



31.1975, 26.4963, 24.9427



29.5387, 26.4963, 18.7701

# Triad

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



31.1975, 26.4963, 24.9427



21.3613, 26.4963, 18.5746



23.6601, 26.4963, 47.8682

# Complementary

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



31.1975, 26.4963, 24.9427



33.6350, 41.8559, 48.4280

# 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.



21.2797, 26.4963, 42.0145



31.1975, 26.4963, 24.9427



20.0262, 26.4963, 24.6202

# Square

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



31.1975, 26.4963, 24.9427



23.7799, 26.4963, 15.6197



19.9975, 26.4963, 33.1453



26.6422, 26.4963, 48.0024



# Rectangle

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



31.1975, 26.4963, 24.9427



27.7642, 26.4963, 16.3694



19.9975, 26.4963, 33.1453



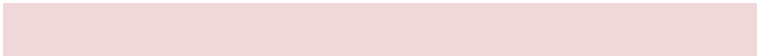
22.7687, 26.4963, 46.4592

# Sweetspot

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



31.1982, 26.4976, 24.9432



72.9968, 72.5170, 76.5935



34.1442, 27.4901, 48.8540



15.4745, 15.2412, 16.0168



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.



31.1982, 26.4976, 24.9432



52.6804, 42.3099, 37.6798



33.9995, 32.7319, 23.9296



9.0407, 9.0267, 9.5618



13.7155, 7.0599, 1.1226



0.4959, 0.2538, 0.1047



# Inverse Universe

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



31.1982, 26.4976, 24.9432



52.6804, 42.3099, 37.6798



29.9222, 33.4457, 50.2260



9.0407, 9.0267, 9.5618



13.7155, 7.0599, 1.1226



0.4959, 0.2538, 0.1047



# Previews

## White Background



This preview shows how the XYZ color 31.1975, 26.4963, 24.9427 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 31.1975, 26.4963, 24.9427 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 31.1975, 26.4963, 24.9427**

## **Background**



This preview shows how black text looks on a background with the XYZ color 31.1975, 26.4963, 24.9427.



This preview shows how white text looks on a background with the XYZ color 31.1975, 26.4963,



# 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

31.1975, 26.4963, 24.9427

### Protanopia

25.5399, 26.5495, 28.2046

### Deuteranopia

27.0647, 26.5642, 24.4698



## Tritanopia

31.4039, 26.5788, 26.0293

# Trichromacy



## Original Color

31.1975, 26.4963, 24.9427

## Protanomaly

27.4060, 26.4764, 26.9586

## Deuteranomaly

28.4290, 26.4391, 24.7240

## Tritanomaly

31.3344, 26.5510, 25.6637

# Monochromacy



## Original Color

31.1975, 26.4963, 24.9427

## Achromatopsia

26.1081, 27.4677, 29.9124

## Achromatomaly

27.5649, 26.7415, 28.1349

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 31.1975, 26.4963, 24.9427 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(184, 125, 131)` looks like.

```
.text, #text, p{  
    color:rgb(184, 125, 131)  
}
```

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(184, 125, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 125, 131) }
```

## Border

The CSS property to change the border of an element to XYZ 31.1975, 26.4963, 24.9427 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(184, 125, 131) }
```



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

```
.border{ border-color:rgb(184, 125, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 125, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 125, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 125, 131);  
box-shadow:4px 4px 4px 4px rgb(184, 125,  
131) }
```

# Background

The CSS property to change the background color of an element to XYZ 31.1975, 26.4963, 24.9427 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 125, 131) }
```

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

```
.background{ background-color: rgb(184,  
125, 131) }
```

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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