

# Converting Colors

XYZ(31.5726, 25.7745, 27.6829)

Have a look what the booklet for  
XYZ(31.5726, 25.7745, 27.6829)  
contains.

**XYZ(31.6264, 25.7361, 27.7268) ..... 3**

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# Color

**XYZ(31.6264, 25.7361,  
27.7268)**

# Conversions

Conversions Part 1	
Format	Color
Hex	BA788B
RGB	186, 120, 139
RGB Percent	73%, 47%, 55%
CMY	0.2706, 0.5294, 0.4549
CMYK	0.00, 0.35, 0.25, 0.27
HSL	343°, 32%, 60%
HSV	343°, 35%, 73%
XYZ	31.6264, 25.7361, 27.7268
YIQ	141.9000, 33.2370, 19.9010

# Conversions

## Conversions Part 2

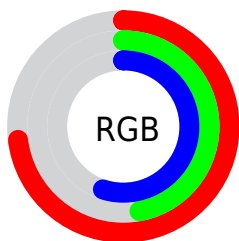
Format	Color
<a href="#">RYB</a>	<a href="#">186, 120, 139</a>
Decimal	<a href="#">12220555</a>
CIELab	<a href="#">57.79, 28.43, 0.45</a>
CIELCh	<a href="#">58, 28.438, 0.904</a>
Yxy	<a href="#">25.7361, 0.3717, 0.3025</a>
Android (android.graphics.Color)	<a href="#">4290410635</a> (0xFFBA788B)
YUV	<a href="#">141.9000, -1.4297, 38.6757</a>
Hunter-Lab	<a href="#">50.7308, 22.5010, 3.1067</a>

# Details

The XYZ color **31.6264, 25.7361, 27.7268** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **32.2808, 41.9016, 42.9477**, and the grayscale version is **25.6685, 27.0053, 29.4087**.

A 20% lighter version of the original color is **61.4201, 52.7476, 56.8133**, and **13.3534, 9.9269, 10.6635** is the 20% darker color. If you saturate the color by 10%, you get **28.6930, 21.3253, 22.2597**, and if you desaturate by 10%, it is **35.1131, 31.0652, 33.9575**.

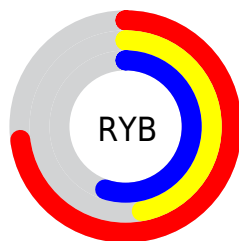
# Distribution



Red (73%)

Green (47%)

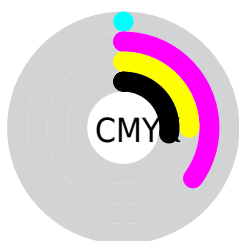
Blue (55%)



Red (73%)

Yellow (47%)

Blue (55%)

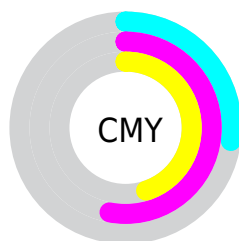


Cyan (0%)

Magenta (35%)

Yellow (25%)

Black (27%)



Cyan (27%)

Magenta (53%)


Yellow (45%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 31.6264, 25.7361, 27.7268 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 31.6264, 25.7361, 27.7268 by changing the saturation by 10% instead.




 31.6264, 25.7361,  
27.7268


 31.6264, 25.7361,  
27.7268


301.1895,  
281.4842, 305.0299


 21.2305, 16.6263,  
17.8826


 61.5941, 52.8489,  
57.0658

 13.4060, 9.9684,  
10.6971


 81.8966, 71.6207,  
77.3977

 7.7876, 5.3780,  
5.7520


 106.2319, 94.3820,  
102.0625

 4.0100, 2.4707,  
2.6285

134.9655,  
121.5171, 131.4788

 1.7078, 0.8619,  
0.9071

168.4627,  
153.4105, 166.0652

 0.4611, 0.0000,  
0.0000


207.0889,


 0.0000, 0.0000,


190.4466, 206.2401


0.0000


251.2093,  
233.0097, 252.4222


 31.6264, 25.7361,  
27.7268


 31.6264, 25.7361,  
27.7268

 28.6930, 21.3253,  
22.2597


 35.1131, 31.0652,  
33.9575

 26.2812, 17.7770,  
17.5242


 39.1780, 37.3570,  
40.9789


 24.3595, 15.0349,  
13.4884


 43.8473, 44.6575,  
48.8186


 22.8918, 13.0345,  
10.1169


 49.1447, 53.0083,  
57.5023


 21.8368, 11.7012,  
7.3710


 55.0928, 62.4491,  
67.0547

 21.1441, 10.9428,  
5.2070

 61.7129, 73.0172,  
77.4993

 20.9049, 10.7012,  
4.3972

 69.0255, 84.7484,  
88.8588

 72.4868, 88.5499,  
99.6340

 74.0598, 89.1792,  
107.9177

# Harmonies

## Analogous

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



30.6548, 25.7361, 38.1898



31.6264, 25.7361, 27.7268



30.5346, 25.7361, 19.4362

# Triad

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



31.6264, 25.7361, 27.7268



21.2437, 25.7361, 14.7928



21.4073, 25.7361, 47.8595

# Complementary

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



31.6264, 25.7361, 27.7268



32.2808, 41.9016, 42.9477

# 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.



19.2521, 25.7361, 38.8246



31.6264, 25.7361, 27.7268



19.1640, 25.7361, 19.8413

# Square

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



31.6264, 25.7361, 27.7268



24.3580, 25.7361, 13.1191



18.4695, 25.7361, 28.3198



24.5651, 25.7361, 51.3250



# Rectangle

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



31.6264, 25.7361, 27.7268



28.8371, 25.7361, 15.8216



18.4695, 25.7361, 28.3198



20.5523, 25.7361, 45.2834

# Sweetspot

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



31.6271, 25.7373, 27.7273



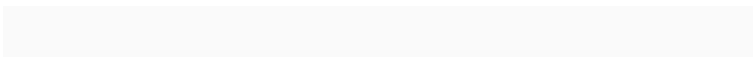
74.5141, 73.1722, 80.2013



31.3482, 25.1081, 49.6488



16.1603, 15.7250, 17.2421



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438



# Same Dimension

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



31.6271, 25.7373, 27.7273



52.8782, 39.9518, 42.0026



32.0557, 28.6263, 21.6067



9.1081, 9.0536, 9.9166



14.0927, 7.2108, 3.1089



0.5245, 0.2653, 0.2554



# Inverse Universe

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



31.6271, 25.7373, 27.7273



52.8782, 39.9518, 42.0026



31.5149, 37.3496, 52.0029



9.1081, 9.0536, 9.9166



14.0927, 7.2108, 3.1089



0.5245, 0.2653, 0.2554



# Previews

## White Background



This preview shows how the XYZ color 31.6264, 25.7361, 27.7268 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

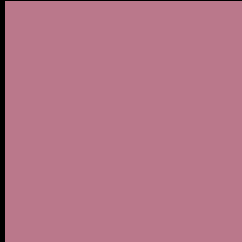
Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail



# Black Background



This preview shows how the XYZ color 31.6264, 25.7361, 27.7268 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 31.6264, 25.7361, 27.7268

## Background



This preview shows how black text looks on a background with the XYZ color 31.6264, 25.7361, 27.7268.



This preview shows how white text looks on a background with the XYZ color 31.6264, 25.7361,



# 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

31.6264, 25.7361, 27.7268

### Protanopia

25.2410, 25.8679, 32.5168

### Deuteranopia

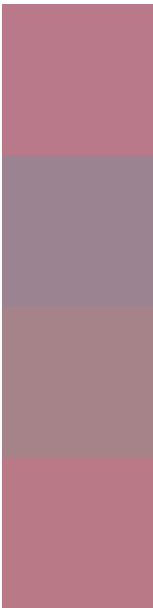
26.4343, 25.9755, 26.9131



## Tritanopia

30.9417, 25.6277, 24.7886

# Trichromacy



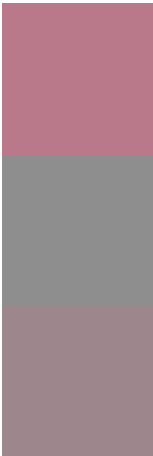
**Original Color**  
31.6264, 25.7361, 27.7268

**Protanomaly**  
27.0149, 25.3758, 30.6683

**Deuteranomaly**  
28.2239, 25.8784, 27.1744

**Tritanomaly**  
31.1480, 25.7103, 25.8752

# Monochromacy



**Original Color**  
31.6264, 25.7361, 27.7268

**Achromatopsia**  
25.7108, 27.0498, 29.4572

**Achromatomaly**  
27.4334, 26.2424, 28.8187

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 31.6264, 25.7361, 27.7268 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(186, 120, 139) looks like.

```
.text, #text, p{  
    color:rgb(186, 120, 139)  
}
```

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(186, 120, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 120, 139) }
```

## Border

The CSS property to change the border of an element to XYZ 31.6264, 25.7361, 27.7268 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(186, 120, 139) }
```



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

```
.border{ border-color:rgb(186, 120, 139) }
```

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

Here you see how a box with a 4 pixel rgb(186, 120, 139) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 120, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 120, 139);  
box-shadow:4px 4px 4px 4px rgb(186, 120,  
139) }
```

# Background

The CSS property to change the background color of an element to XYZ 31.6264, 25.7361, 27.7268 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 120, 139) }
```

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

```
.background{ background-color: rgb(186,  
120, 139) }
```

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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