

Converting Colors

XYZ(31.1975, 25.6154, 27.2310)

Have a look what the booklet for
XYZ(31.1975, 25.6154, 27.2310)
contains.

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Color

**XYZ(31.1920, 25.7001,
27.3614)**

Conversions

Conversions Part 1

Format	Color
Hex	B8798A
RGB	184, 121, 138
RGB Percent	72%, 47%, 54%
CMY	0.2784, 0.5255, 0.4588
CMYK	0.00, 0.34, 0.25, 0.28
HSL	344°, 31%, 60%
HSV	344°, 34%, 72%
XYZ	31.1920, 25.7001, 27.3614
YIQ	141.7750, 32.0910, 18.6430

Conversions

Conversions Part 2

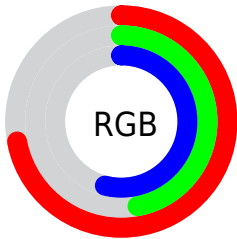
Format	Color
RYB	184, 121, 138
Decimal	12089738
CIELab	57.75, 26.99, 0.95
CIELCh	58, 27.006, 2.013
Yxy	25.7001, 0.3702, 0.3050
Android (android.graphics.Color)	4290279818 (0xFFB8798A)
YUV	141.7750, -1.8611, 37.0313
Hunter-Lab	50.6953, 21.1115, 3.4865

Details

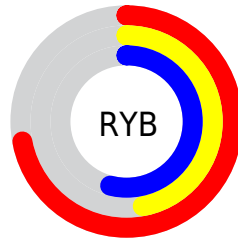
The XYZ color **31.1920, 25.7001, 27.3614** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **32.0018, 41.1366, 42.8148**, and the grayscale version is **25.6212, 26.9554, 29.3545**.

A 20% lighter version of the original color is **60.8156, 52.7345, 56.2637**, and **13.0680, 9.8782, 10.4504** is the 20% darker color. If you saturate the color by 10%, you get **28.2522, 21.2820, 21.8755**, and if you desaturate by 10%, it is **34.6800, 31.0217, 33.6244**.

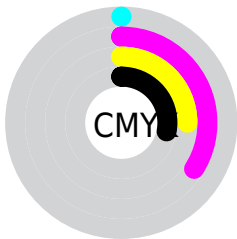
Distribution



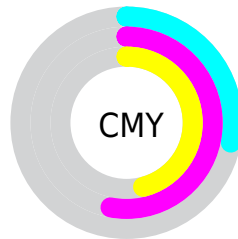
- Red (72%)
- Green (47%)
- Blue (54%)



- Red (72%)
- Yellow (47%)
- Blue (54%)



- Cyan (0%)
- Magenta (34%)
- Yellow (25%)
- Black (28%)



- Cyan (28%)
- Magenta (53%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 31.1920, 25.7001, 27.3614 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 31.1920, 25.7001, 27.3614 by changing the saturation by 10% instead.

31.1920, 25.7001,
27.3614

31.1920, 25.7001,
27.3614

299.2330,
281.3068, 303.2181

20.8976, 16.5994,
17.6100

60.9160, 52.7907,
56.4740

13.1612, 9.9493,
10.5038

81.0764, 71.5495,
76.6723

7.6174, 5.3654,
5.6243

105.2561, 94.2964,
101.1900

3.9009, 2.4632,
2.5529

133.8206,
121.4158, 130.4456

1.6462, 0.8581,
0.8680

167.1352,
153.2922, 164.8577

0.4222, 0.0000,
0.0000

205.5652,

0.0000, 0.0000,

190.3098, 204.8448

0.0000

249.4760,
232.8532, 250.8254

■ 31.1920, 25.7001,
27.3614

■ 31.1920, 25.7001,
27.3614

■ 28.2522, 21.2820,
21.8755

■ 34.6800, 31.0217,
33.6244

■ 25.8299, 17.7134,
17.1340

■ 38.7408, 37.2896,
40.6922

■ 23.8942, 14.9401,
13.1040


■ 43.3997, 44.5482,
48.5931


■ 22.4104, 12.9001,
9.7494


■ 48.6800, 52.8382,
57.3536


■ 21.3384, 11.5220,
7.0307


■ 54.6039, 62.1979,
66.9988


 20.6306, 10.7200,
4.9035

 61.1922, 72.6635,
77.5529

 20.3353, 10.4176,
3.9164

 68.4651, 84.2696,
89.0392

 72.0831, 88.3327,
100.0271

 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.



30.3473, 25.7001, 37.2114



31.1920, 25.7001, 27.3614



30.0953, 25.7001, 19.5557

Triad

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



31.1920, 25.7001, 27.3614



21.2734, 25.7001, 15.4241



21.6207, 25.7001, 46.8647

Complementary

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



31.1920, 25.7001, 27.3614



32.0018, 41.1366, 42.8148

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.



19.5195, 25.7001, 38.5387



31.1920, 25.7001, 27.3614



19.3318, 25.7001, 20.4224

Square

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



31.1920, 25.7001, 27.3614



24.2091, 25.7001, 13.6791



18.7188, 25.7001, 28.6140



24.6465, 25.7001, 49.8509

Rectangle

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



31.1920, 25.7001, 27.3614



28.4627, 25.7001, 16.1518



18.7188, 25.7001, 28.6140



20.7924, 25.7001, 44.5187

Sweetspot

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



31.1927, 25.7013, 27.3619



73.5314, 72.7308, 79.4087



31.2474, 25.2600, 48.5763



15.6034, 15.2927, 16.6959



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.



31.1927, 25.7013, 27.3619



52.4829, 40.4724, 42.0613



31.8345, 28.8025, 21.9723



9.1015, 9.0510, 9.8818



14.0407, 7.1900, 2.8352



0.5217, 0.2642, 0.2408

Inverse Universe

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



31.1927, 25.7013, 27.3619



52.4829, 40.4724, 42.0613



30.9783, 36.4073, 50.7422



9.1015, 9.0510, 9.8818



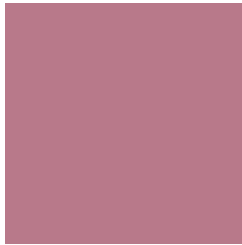
14.0407, 7.1900, 2.8352



0.5217, 0.2642, 0.2408

Previews

White Background



This preview shows how the XYZ color 31.1920, 25.7001, 27.3614 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 31.1920, 25.7001, 27.3614 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 31.1920, 25.7001, 27.3614

Background



This preview shows how black text looks on a background with the XYZ color 31.1920, 25.7001, 27.3614.



This preview shows how white text looks on a background with the XYZ color 31.1920, 25.7001,

27.3614.

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

31.1920, 25.7001, 27.3614

Protanopia

25.0812, 25.8040, 31.6757

Deuteranopia

26.4343, 25.9755, 26.9131



Tritanopia

30.5847, 25.6250, 24.8069

Trichromacy



Original Color

31.1920, 25.7001, 27.3614

Protanomaly

26.8029, 25.4847, 29.8919

Deuteranomaly

28.0150, 25.7707, 27.1646

Tritanomaly

30.7910, 25.7076, 25.8934

Monochromacy



Original Color

31.1920, 25.7001, 27.3614

Achromatopsia

25.7108, 27.0498, 29.4572

Achromatomaly

27.2374, 26.1414, 28.8095

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.1920, 25.7001, 27.3614 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, 121, 138)` looks like.

```
.text, #text, p{  
    color:rgb(184, 121, 138)  
}
```

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, 121, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 121, 138) }
```

Border

The CSS property to change the border of an element to XYZ 31.1920, 25.7001, 27.3614 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, 121, 138) }
```


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

```
.border{ border-color:rgb(184, 121, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 121, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 121, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 121, 138);  
box-shadow:4px 4px 4px 4px rgb(184, 121,  
138) }
```

Background

The CSS property to change the background color of an element to XYZ 31.1920, 25.7001, 27.3614 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 121, 138) }
```

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

```
.background{ background-color: rgb(184,  
121, 138) }
```

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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