

Converting Colors

XYZ(29.7204, 24.2676, 25.6719)

Have a look what the booklet for
XYZ(29.7204, 24.2676, 25.6719)
contains.

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Color

**XYZ(29.7204, 24.2676,
25.6719)**

Conversions

Conversions Part 1

Format	Color
Hex	B57586
RGB	181, 117, 134
RGB Percent	71%, 46%, 53%
CMY	0.2902, 0.5412, 0.4745
CMYK	0.00, 0.35, 0.26, 0.29
HSL	344°, 30%, 58%
HSV	344°, 35%, 71%
XYZ	29.7204, 24.2676, 25.6719
YIQ	138.0740, 32.6870, 18.8550

Conversions

Conversions Part 2

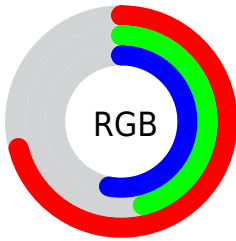
Format	Color
R_{YB}	181, 117, 134
Decimal	11892102
CIE _{Lab}	56.35, 27.50, 1.19
CIE _{LCh}	56, 27.524, 2.486
Yxy	24.2676, 0.3731, 0.3046
Android (android.graphics.Color)	4290082182 (0xFFB57586)
YUV	138.0740, -2.0085, 37.6461
Hunter-Lab	49.2622, 21.4822, 3.5858

Details

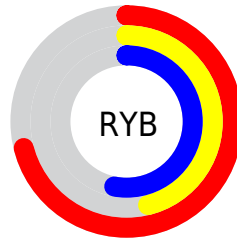
The XYZ color **29.7204, 24.2676, 25.6719** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **30.5619, 39.5105, 41.1395**, and the grayscale version is **24.1850, 25.4445, 27.7091**.

A 20% lighter version of the original color is **58.6043, 50.5144, 53.6752**, and **12.3992, 9.1822, 9.7132** is the 20% darker color. If you saturate the color by 10%, you get **26.9422, 20.1028, 20.4555**, and if you desaturate by 10%, it is **33.0243, 29.2968, 31.6391**.

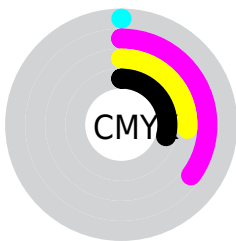
Distribution



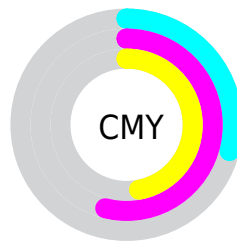
- Red (71%)
- Green (46%)
- Blue (53%)



- Red (71%)
- Yellow (46%)
- Blue (53%)



- Cyan (0%)
- Magenta (35%)
- Yellow (26%)
- Black (29%)





- Cyan (29%)
- Magenta (54%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 29.7204, 24.2676, 25.6719 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 29.7204, 24.2676, 25.6719 by changing the saturation by 10% instead.

 29.7204, 24.2676,
25.6719


 29.7204, 24.2676,
25.6719


292.5323,
274.1706, 294.7218


 19.7735, 15.5322,
16.3548

 58.6094, 50.4665,
53.7227

 12.3378, 9.1938,
9.6185


 78.2822, 68.6989,
73.2935

 7.0480, 4.8678,
5.0445


 101.9276, 90.8657,
97.1193

 3.5387, 2.1699,
2.2142

129.9111,
117.3514, 125.6186

 1.4446, 0.7035,
0.6825

162.5979,
148.5403, 159.2100

 0.2877, 0.0000,
0.0000

200.3535,

 0.0000, 0.0000,

184.8169, 198.3119

0.0000

243.5432,
226.5655, 243.3430

■ 29.7204, 24.2676,
25.6719

■ 29.7204, 24.2676,
25.6719

■ 26.9422, 20.1028,
20.4555

■ 33.0243, 29.2968,
31.6391

■ 24.6598, 16.7500,
15.9579

■ 36.8775, 35.2320,
38.3843

■ 22.8431, 14.1565,
12.1468


■ 41.3049, 42.1162,
45.9352


■ 21.4582, 12.2620,
8.9868


■ 46.3291, 49.9887,
54.3178


■ 20.4660, 10.9968,
6.4387


■ 51.9713, 58.8865,
63.5565

 19.8189, 10.2749,
4.4586

 58.2520, 68.8446,
73.6751

 19.5910, 10.0377,
3.7088

 65.1904, 79.8967,
84.6963

 70.5956, 87.6556,
95.9054

 72.6475, 88.4764,
106.7110

Harmonies

Analogous

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



28.9167, 24.2676, 35.3542



29.7204, 24.2676, 25.6719



28.6098, 24.2676, 18.0990

Triad

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



29.7204, 24.2676, 25.6719



19.9387, 24.2676, 14.2459



20.3580, 24.2676, 45.1678

Complementary

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



29.7204, 24.2676, 25.6719



30.5619, 39.5105, 41.1395

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.



18.2884, 24.2676, 36.9738



29.7204, 24.2676, 25.6719



18.0624, 24.2676, 19.1393

Square

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



29.7204, 24.2676, 25.6719



22.8017, 24.2676, 12.5188



17.4867, 24.2676, 27.1892



23.3315, 24.2676, 48.0306

Rectangle

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



29.7204, 24.2676, 25.6719



26.9878, 24.2676, 14.8368



17.4867, 24.2676, 27.1892



19.5431, 24.2676, 42.8654

Sweetspot

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



29.7211, 24.2688, 25.6724



69.2281, 68.0337, 74.2102



29.9987, 23.9455, 46.7570



14.7396, 14.3582, 15.6577



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.



29.7211, 24.2688, 25.6724



49.4854, 37.8387, 38.9880



30.5100, 27.5937, 20.5492



8.5860, 8.5411, 9.3181



13.5307, 6.9299, 2.6889



0.4504, 0.2279, 0.2147

Inverse Universe

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



29.7211, 24.2688, 25.6724



49.4854, 37.8387, 38.9880



29.3259, 34.4156, 48.8134



8.5860, 8.5411, 9.3181



13.5307, 6.9299, 2.6889



0.4504, 0.2279, 0.2147

Previews

White Background



This preview shows how the XYZ color 29.7204, 24.2676, 25.6719 looks on a white background.

Color Contrast Check

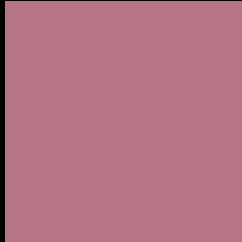
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.7204, 24.2676, 25.6719 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

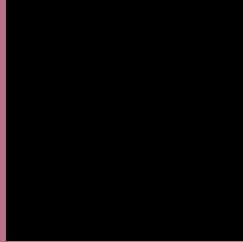
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 29.7204, 24.2676, 25.6719

Background



This preview shows how black text looks on a background with the XYZ color 29.7204, 24.2676, 25.6719.



This preview shows how white text looks on a background with the XYZ color 29.7204, 24.2676,

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

29.7204, 24.2676, 25.6719

Protanopia

23.6897, 24.4925, 29.8645

Deuteranopia

24.7907, 24.3553, 24.8672



Tritanopia

29.1316, 24.1925, 23.2129

Trichromacy



Original Color

29.7204, 24.2676, 25.6719

Protanomaly

25.4017, 24.0072, 28.1060

Deuteranomaly

26.3237, 24.1647, 25.1066

Tritanomaly

29.3301, 24.2719, 24.2582

Monochromacy



Original Color

29.7204, 24.2676, 25.6719

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

25.8244, 24.6414, 27.0621

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.7204, 24.2676, 25.6719 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(181, 117, 134)` looks like.

```
.text, #text, p{  
    color:rgb(181, 117, 134)  
}
```

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(181, 117, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 117, 134) }
```

Border

The CSS property to change the border of an element to XYZ 29.7204, 24.2676, 25.6719 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(181, 117, 134) }
```


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

```
.border{ border-color:rgb(181, 117, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 117, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 117, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 117, 134);  
box-shadow:4px 4px 4px 4px rgb(181, 117,  
134) }
```

Background

The CSS property to change the background color of an element to XYZ 29.7204, 24.2676, 25.6719 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 117, 134) }
```

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

```
.background{ background-color: rgb(181,  
117, 134) }
```

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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