

Converting Colors

XYZ(31.2423, 27.0444, 30.8492)

Have a look what the booklet for
XYZ(31.2423, 27.0444, 30.8492)
contains.

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Color

**XYZ(31.2676, 26.9786,
30.7535)**

Conversions

Conversions Part 1

Format	Color
Hex	B28092
RGB	178, 128, 146
RGB Percent	70%, 50%, 57%
CMY	0.3020, 0.4980, 0.4274
CMYK	0.00, 0.28, 0.18, 0.30
HSL	338°, 25%, 60%
HSV	338°, 28%, 70%
XYZ	31.2676, 26.9786, 30.7535
YIQ	145.0020, 24.0220, 16.1980

Conversions

Conversions Part 2

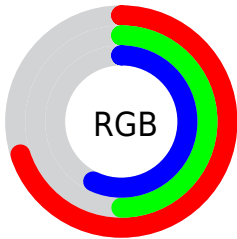
Format	Color
RYB	178, 128, 146
Decimal	11698322
CIELab	58.95, 22.08, -1.99
CIElCh	59, 22.171, 354.849
Yxy	26.9786, 0.3513, 0.3031
Android (android.graphics.Color)	4289888402 (0xFFB28092)
YUV	145.0020, 0.4920, 28.9392
Hunter-Lab	51.9409, 16.5575, 1.2539

Details

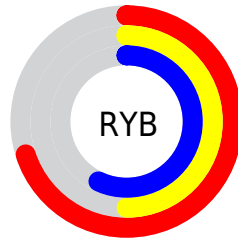
The XYZ color **31.2676, 26.9786, 30.7535** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **31.1688, 38.9688, 39.1386**, and the grayscale version is **26.9063, 28.3075, 30.8269**.

A 20% lighter version of the original color is **60.8809, 54.7103, 61.9950**, and **13.1479, 10.5784, 12.4152** is the 20% darker color. If you saturate the color by 10%, you get **28.3039, 22.3993, 25.6089**, and if you desaturate by 10%, it is **34.7285, 32.4103, 36.5002**.

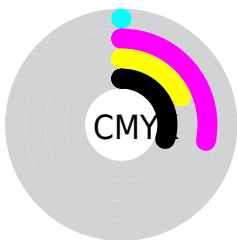
Distribution



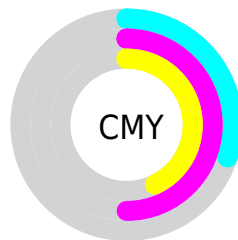
- Red (70%)
- Green (50%)
- Blue (57%)



- Red (70%)
- Yellow (50%)
- Blue (57%)



- Cyan (0%)
- Magenta (28%)
- Yellow (18%)
- Black (30%)




- Cyan (30%)
- Magenta (50%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 31.2676, 26.9786, 30.7535 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 31.2676, 26.9786, 30.7535 by changing the saturation by 10% instead.


 31.2676, 26.9786,
30.7535


 31.2676, 26.9786,
30.7535


299.5742,
287.5535, 319.7170

 20.9555, 17.5572,
20.1543


 61.0341, 54.8495,
61.9268

 13.2038, 10.6325,
12.3221


 81.2193, 74.0678,
83.3380

 7.6470, 5.8203,
6.8382


 105.4262, 97.3205,
109.1903

 3.9198, 2.7361,
3.2842

134.0202,
124.9919, 139.9022

 1.6569, 0.9956,
1.2415

167.3666,
157.4665, 175.8923

 0.4290, 0.0000,
0.0131

205.8308,

 0.0000, 0.0000,

195.1288, 217.5791

0.0000

249.7782,
238.3629, 265.3812

■ 31.2676, 26.9786,
30.7535

■ 31.2676, 26.9786,
30.7535

■ 28.3039, 22.3993,
25.6089

■ 34.7285, 32.4103,
36.5002

■ 25.8112, 18.6250,
21.0442

■ 38.7064, 38.7311,
42.8669

■ 23.7643, 15.6096,
17.0378

■ 43.2230, 45.9801,
49.8728

■ 22.1348, 13.3004,
13.5665

■ 48.2979, 54.1929,
57.5356

■ 20.8906, 11.6382,
10.6046

■ 53.9496, 63.4032,
65.8726

■ 19.9946, 10.5539,
8.1242

■ 60.1961, 73.6433,
74.9000

■ 19.3880, 9.9353,
6.0890

■ 67.0541, 84.9436,
84.6338

■ 19.2878, 9.8361,
5.7433

■ 69.4273, 87.1079,
93.3849

■ 71.1469, 87.7957,
102.4401

Harmonies

Analogous

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



30.2054, 26.9786, 38.9675



31.2676, 26.9786, 30.7535



30.7371, 26.9786, 23.4688

Triad

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



31.2676, 26.9786, 30.7535



23.4873, 26.9786, 17.6810



22.7215, 26.9786, 43.5519

Complementary

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



31.2676, 26.9786, 30.7535



31.1688, 38.9688, 39.1386

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.



21.1442, 26.9786, 36.1975



31.2676, 26.9786, 30.7535



21.5637, 26.9786, 21.5022

Square

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



31.2676, 26.9786, 30.7535



26.1192, 26.9786, 16.7437



20.7358, 26.9786, 28.0385



25.1713, 26.9786, 47.1522

Rectangle

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



31.2676, 26.9786, 30.7535



29.5701, 26.9786, 19.9508



20.7358, 26.9786, 28.0385



22.0788, 26.9786, 41.3796

Sweetspot

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



31.2684, 26.9798, 30.7541



70.1522, 70.1738, 77.6745



30.1867, 26.0933, 45.5654



15.2895, 15.1437, 16.8098



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.



31.2684, 26.9798, 30.7541



53.1086, 43.3557, 49.5833



30.8749, 28.2598, 24.2509



8.6186, 8.5541, 9.4897



13.8282, 7.0488, 4.2554



0.4636, 0.2332, 0.2842

Inverse Universe

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



31.2684, 26.9798, 30.7541



53.1086, 43.3557, 49.5833



31.5649, 37.0563, 47.6089



8.6186, 8.5541, 9.4897



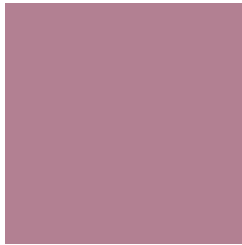
13.8282, 7.0488, 4.2554



0.4636, 0.2332, 0.2842

Previews

White Background



This preview shows how the XYZ color 31.2676, 26.9786, 30.7535 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 31.2676, 26.9786, 30.7535 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

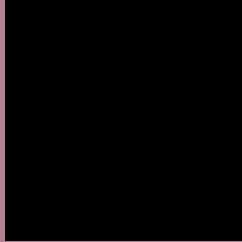
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 31.2676, 26.9786, 30.7535

Background



This preview shows how black text looks on a background with the XYZ color 31.2676, 26.9786, 30.7535.



This preview shows how white text looks on a background with the XYZ color 31.2676, 26.9786,

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

31.2676, 26.9786, 30.7535

Protanopia

26.3421, 27.0456, 34.4038

Deuteranopia

27.6401, 27.1591, 30.1710



Tritanopia

30.6419, 26.9117, 28.0056

Trichromacy



Original Color

31.2676, 26.9786, 30.7535

Protanomaly

27.7165, 26.7127, 32.9734

Deuteranomaly

28.7402, 26.8811, 30.4619

Tritanomaly

30.8642, 27.0006, 29.1761

Monochromacy



Original Color

31.2676, 26.9786, 30.7535

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

28.2481, 27.6777, 30.6416

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.2676, 26.9786, 30.7535 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(178, 128, 146)` looks like.

```
.text, #text, p{  
    color:rgb(178, 128, 146)  
}
```

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(178, 128, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 128, 146) }
```

Border

The CSS property to change the border of an element to XYZ 31.2676, 26.9786, 30.7535 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(178, 128, 146) }
```


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

```
.border{ border-color:rgb(178, 128, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 128, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 128, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 128, 146);  
box-shadow:4px 4px 4px 4px rgb(178, 128,  
146) }
```

Background

The CSS property to change the background color of an element to XYZ 31.2676, 26.9786, 30.7535 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 128, 146) }
```

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

```
.background{ background-color: rgb(178,  
128, 146) }
```

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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