

Converting Colors

XYZ(30.9327, 28.1552, 23.9060)

Have a look what the booklet for
XYZ(30.9327, 28.1552, 23.9060)
contains.

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Color

**XYZ(30.9463, 28.1662,
23.8842)**

Conversions

Conversions Part 1

Format	Color
Hex	B3867F
RGB	179, 134, 127
RGB Percent	70%, 53%, 50%
CMY	0.2980, 0.4745, 0.5020
CMYK	0.00, 0.25, 0.29, 0.30
HSL	8°, 25%, 60%
HSV	8°, 29%, 70%
XYZ	30.9463, 28.1662, 23.8842
YIQ	146.6570, 29.0670, 7.3630

Conversions

Conversions Part 2

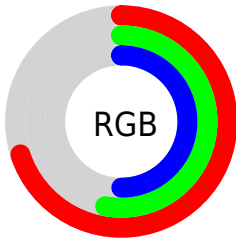
Format	Color
R_{YB}	179, 135, 127
Decimal	11765375
CIE Lab	60.04, 16.22, 10.48
CIE LCh	60, 19.315, 32.870
Yxy	28.1662, 0.3729, 0.3394
Android (android.graphics.Color)	4289955455 (0xFFB3867F)
YUV	146.6570, -9.6909, 28.3648
Hunter-Lab	53.0718, 11.2080, 10.4677

Details

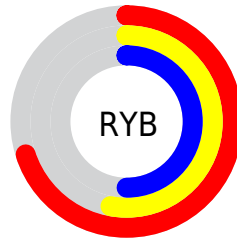
The XYZ color **30.9463, 28.1662, 23.8842** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **31.6412, 37.2707, 48.1744**, and the grayscale version is **27.6225, 29.0610, 31.6475**.

A 20% lighter version of the original color is **60.6006, 56.6688, 50.9242**, and **13.0029, 11.2507, 8.6940** is the 20% darker color. If you saturate the color by 10%, you get **27.8955, 23.7686, 17.6140**, and if you desaturate by 10%, it is **34.5194, 33.2765, 31.3517**.

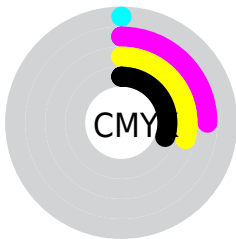
Distribution



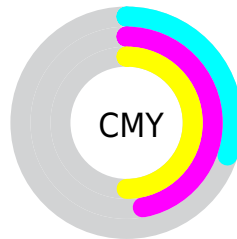
- Red (70%)
- Green (53%)
- Blue (50%)



- Red (70%)
- Yellow (53%)
- Blue (50%)



- Cyan (0%)
- Magenta (25%)
- Yellow (29%)
- Black (30%)




- Cyan (30%)
- Magenta (47%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 30.9463, 28.1662, 23.8842 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 30.9463, 28.1662, 23.8842 by changing the saturation by 10% instead.


 30.9463, 28.1662,
23.8842


 30.9463, 28.1662,
23.8842


298.1221,
293.2602, 285.5022


 20.7096, 18.4510,
15.0363


 60.5319, 56.7497,
50.7826

 13.0231, 11.2743,
8.6980


 80.6116, 76.3867,
69.6703

 7.5216, 6.2516,
4.4506

 104.7029,
100.0998, 92.7416

 3.8396, 2.9987,
1.8757

133.1712,
128.2734, 120.4151

 1.6118, 1.1310,
0.4772

166.3820,
161.2919, 153.1094

 0.4001, 0.0043,
0.0000

204.7005,

 0.0000, 0.0000,

199.5395, 191.2430

0.0000

248.4921,
243.4009, 235.2344

■ 30.9463, 28.1662,
23.8842

■ 30.9463, 28.1662,
23.8842

■ 27.8955, 23.7686,
17.6140

■ 34.5194, 33.2765,
31.3517

■ 25.3404, 20.0483,
12.4771

■ 38.6356, 39.1250,
40.0725

■ 23.2549, 16.9725,
8.4061

■ 43.3171, 45.7411,
50.1013

■ 21.6102, 14.5044,
5.3256

■ 48.5842, 53.1511,
61.4888

■ 20.3738, 12.6033,
3.1506

■ 54.4564, 61.3802,
74.2834

■ 19.5086, 11.2235,
1.7815

■ 60.9521, 70.4525,
88.5306

■ 18.9600, 10.3078,
1.0391

■ 68.0889, 80.3909,
104.2743

■ 18.9194, 10.2415,
0.9796

■ 72.4005, 88.3238,
107.8400

Harmonies

Analogous

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



31.7817, 28.1662, 29.9945



30.9463, 28.1662, 23.8842



28.9879, 28.1662, 20.1175

Triad

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



30.9463, 28.1662, 23.8842



22.7760, 28.1662, 24.8931



27.0088, 28.1662, 46.2955

Complementary

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



30.9463, 28.1662, 23.8842



31.6412, 37.2707, 48.1744

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.



24.6704, 28.1662, 44.3823



30.9463, 28.1662, 23.8842



22.3169, 28.1662, 31.3519

Square

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



30.9463, 28.1662, 23.8842



24.2837, 28.1662, 20.6342



22.9895, 28.1662, 38.6286



29.4229, 28.1662, 43.5196

Rectangle

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



30.9463, 28.1662, 23.8842



27.3629, 28.1662, 19.0888



22.9895, 28.1662, 38.6286



26.1880, 28.1662, 46.1800

Sweetspot

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



30.9470, 28.1675, 23.8848



69.1147, 69.9578, 71.5973



33.6329, 27.7439, 42.6460



15.0633, 15.1462, 15.3323



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.



30.9470, 28.1675, 23.8848



51.7473, 45.1532, 35.1950



34.9807, 36.2348, 25.2293



8.5856, 8.6837, 8.8761



13.3979, 7.2943, 0.7018



0.4506, 0.2876, 0.0318

Inverse Universe

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



31.6412, 37.2707, 48.1744



53.1899, 64.1640, 85.9627



27.1785, 28.3453, 46.6868



8.6431, 9.4325, 10.8714



14.0545, 18.9093, 33.0461



0.4691, 0.6487, 1.0487

Previews

White Background



This preview shows how the XYZ color 30.9463, 28.1662, 23.8842 looks on a white background.

Color Contrast Check

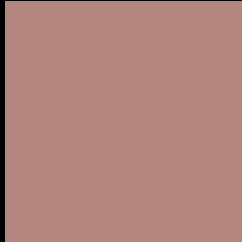
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.9463, 28.1662, 23.8842 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

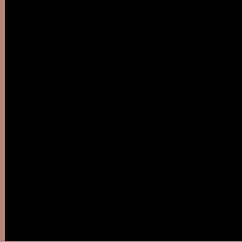
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 30.9463, 28.1662, 23.8842

Background



This preview shows how black text looks on a background with the XYZ color 30.9463, 28.1662, 23.8842.



This preview shows how white text looks on a background with the XYZ color 30.9463, 28.1662,

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

30.9463, 28.1662, 23.8842

Protanopia

26.7158, 28.0965, 25.8449

Deuteranopia

28.8699, 28.3695, 23.6929



Tritanopia

32.1898, 28.2793, 29.3530

Trichromacy



Original Color

30.9463, 28.1662, 23.8842

Protanomaly

28.1053, 27.9449, 25.0317

Deuteranomaly

29.6490, 28.3412, 23.6464

Tritanomaly

31.7253, 28.2845, 27.4543

Monochromacy



Original Color

30.9463, 28.1662, 23.8842

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

28.7047, 28.6104, 28.8204

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.9463, 28.1662, 23.8842 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(179, 134, 127)` looks like.

```
.text, #text, p{  
    color:rgb(179, 134, 127)  
}
```

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(179, 134, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 134, 127) }
```

Border

The CSS property to change the border of an element to XYZ 30.9463, 28.1662, 23.8842 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(179, 134, 127) }
```


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

```
.border{ border-color:rgb(179, 134, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 134, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 134, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 134, 127);  
box-shadow:4px 4px 4px 4px rgb(179, 134,  
127) }
```

Background

The CSS property to change the background color of an element to XYZ 30.9463, 28.1662, 23.8842 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 134, 127) }
```

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

```
.background{ background-color: rgb(179,  
134, 127) }
```

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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