

Converting Colors

XYZ(30.1781, 27.1782, 23.0574)

Have a look what the booklet for
XYZ(30.1781, 27.1782, 23.0574)
contains.

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Color

**XYZ(30.1781, 27.1782,
23.0574)**

Conversions

Conversions Part 1

Format	Color
Hex	B2837D
RGB	178, 131, 125
RGB Percent	70%, 51%, 49%
CMY	0.3020, 0.4863, 0.5098
CMYK	0.00, 0.26, 0.30, 0.30
HSL	7°, 26%, 59%
HSV	7°, 30%, 70%
XYZ	30.1781, 27.1782, 23.0574
YIQ	144.3690, 29.9380, 8.0980

Conversions

Conversions Part 2

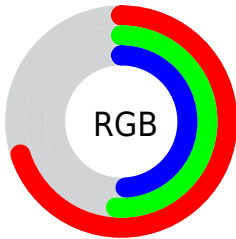
Format	Color
R_{YB}	178, 132, 125
Decimal	11699069
CIE _{Lab}	59.14, 17.23, 10.34
CIE _{LCh}	59, 20.094, 30.967
Yxy	27.1782, 0.3753, 0.3380
Android (android.graphics.Color)	4289889149 (0xFFB2837D)
YUV	144.3690, -9.5489, 29.4944
Hunter-Lab	52.1327, 12.0962, 10.2700

Details

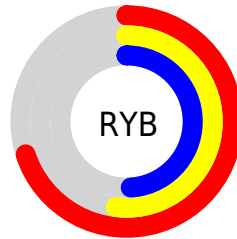
The XYZ color **30.1781, 27.1782, 23.0574** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **31.2455, 37.0784, 47.6298**, and the grayscale version is **26.6875, 28.0773, 30.5762**.

A 20% lighter version of the original color is **59.4373, 55.1575, 49.6333**, and **12.5591, 10.6917, 8.2393** is the 20% darker color. If you saturate the color by 10%, you get **27.1805, 22.8426, 16.9419**, and if you desaturate by 10%, it is **33.7039, 32.2438, 30.3549**.

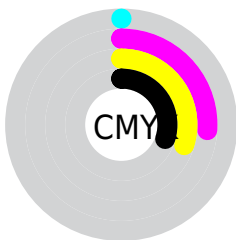
Distribution



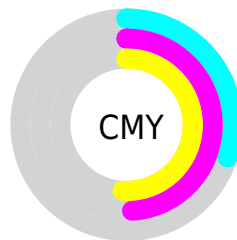
- Red (70%)
- Green (51%)
- Blue (49%)



- Red (70%)
- Yellow (52%)
- Blue (49%)



- Cyan (0%)
- Magenta (26%)
- Yellow (30%)
- Black (30%)



- Cyan (30%)
- Magenta (49%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.1781, 27.1782, 23.0574 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 30.1781, 27.1782, 23.0574 by changing the saturation by 10% instead.

■ 30.1781, 27.1782,
23.0574

■ 30.1781, 27.1782,
23.0574

294.6287,
288.5189, 281.1511

■ 20.1226, 17.7071,
14.4302

■ 59.3284, 55.1697,
49.4120

■ 12.5929, 10.7399,
8.2783

■ 79.1539, 74.4589,
67.9764

■ 7.2239, 5.8922,
4.1832

■ 102.9667, 97.7895,
90.6903

■ 3.6501, 2.7797,
1.7264

131.1323,
125.5461, 117.9722

■ 1.5062, 1.0178,
0.3787

164.0159,
158.1129, 150.2408

■ 0.3300, 0.0000,
0.0000

201.9829,

■ 0.0000, 0.0000,

195.8744, 187.9144

0.0000

245.3987,
239.2149, 231.4117

■ 30.1781, 27.1782,
23.0574

■ 30.1781, 27.1782,
23.0574

■ 27.1805, 22.8426,
16.9419

■ 33.7039, 32.2438,
30.3549

■ 24.6836, 19.1997,
11.9446

■ 37.7794, 38.0668,
38.8905

■ 22.6604, 16.2146,
7.9982


■ 42.4277, 44.6781,
48.7185


■ 21.0806, 13.8479,
5.0274


■ 47.6698, 52.1055,
59.8896


■ 19.9105, 12.0560,
2.9468


■ 53.5257, 60.3756,
72.4517


 19.1111, 10.7894,
1.6562

 60.0143, 69.5136,
86.4504

 18.6218, 9.9847,
0.9573

 67.1540, 79.5440,
101.9292

 18.6132, 9.9711,
0.9436

 72.1702, 88.2050,
107.8292

Harmonies

Analogous

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



30.9440, 27.1782, 29.3605



30.1781, 27.1782, 23.0574



28.2365, 27.1782, 19.1115

Triad

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



30.1781, 27.1782, 23.0574



21.8520, 27.1782, 23.4001



25.9133, 27.1782, 45.6064

Complementary

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



30.1781, 27.1782, 23.0574



31.2455, 37.0784, 47.6298

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.



23.5682, 27.1782, 43.3390



30.1781, 27.1782, 23.0574



21.3166, 27.1782, 29.8256

Square

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



30.1781, 27.1782, 23.0574



23.4362, 27.1782, 19.2858



21.9247, 27.1782, 37.2585



28.3859, 27.1782, 43.0399

Rectangle

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



30.1781, 27.1782, 23.0574



26.5943, 27.1782, 17.9698



21.9247, 27.1782, 37.2585



25.0845, 27.1782, 45.3816

Sweetspot

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



30.1788, 27.1795, 23.0579



69.0016, 69.7317, 71.5596



33.2078, 27.1381, 42.8713



15.0349, 15.0892, 15.3228



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.



30.1788, 27.1795, 23.0579



50.9033, 43.7635, 33.9942



34.0852, 34.9923, 24.3601



8.5713, 8.6552, 8.8714



13.3425, 7.1835, 0.6833



0.4447, 0.2758, 0.0298

Inverse Universe

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



31.2455, 37.0784, 47.6298



53.1558, 64.7281, 86.0733



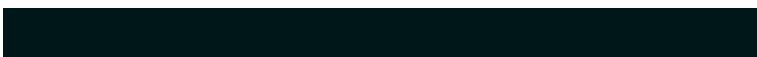
26.8034, 28.1942, 46.1491



8.6588, 9.4639, 10.8767



14.5075, 19.8153, 33.1971



0.4797, 0.6698, 1.0522

Previews

White Background



This preview shows how the XYZ color 30.1781, 27.1782, 23.0574 looks on a white background.

Color Contrast Check

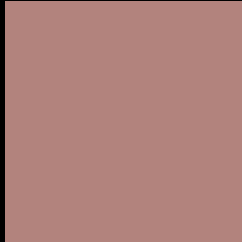
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.1781, 27.1782, 23.0574 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 30.1781, 27.1782, 23.0574

Background



This preview shows how black text looks on a background with the XYZ color 30.1781, 27.1782, 23.0574.



This preview shows how white text looks on a background with the XYZ color 30.1781, 27.1782,

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

30.1781, 27.1782, 23.0574

Protanopia

25.9825, 27.2806, 25.3690

Deuteranopia

27.6880, 27.1331, 22.8467



Tritanopia

31.1009, 27.1483, 28.0270

Trichromacy



Original Color

30.1781, 27.1782, 23.0574

Protanomaly

27.3490, 27.1329, 24.5646

Deuteranomaly

28.4505, 27.1080, 22.8016

Tritanomaly

30.8761, 27.2702, 26.1906

Monochromacy



Original Color

30.1781, 27.1782, 23.0574

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

27.4583, 27.3393, 27.4967

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.1781, 27.1782, 23.0574 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, 131, 125)` looks like.

```
.text, #text, p{  
    color:rgb(178, 131, 125)  
}
```

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, 131, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 131, 125) }
```

Border

The CSS property to change the border of an element to XYZ 30.1781, 27.1782, 23.0574 is called "border". The border property can be set on classes, ids or directly on the HTML element.

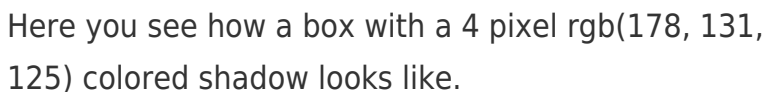
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(178, 131, 125) }
```


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

```
.border{ border-color:rgb(178, 131, 125) }
```

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



Here you see how a box with a 4 pixel `rgb(178, 131, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(178, 131, 125); -webkit-box-shadow:4px 4px 4px 4px rgb(178, 131, 125); box-shadow:4px 4px 4px 4px rgb(178, 131, 125) }
```

Background

The CSS property to change the background color of an element to XYZ 30.1781, 27.1782, 23.0574 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 131, 125) }
```

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

```
.background{ background-color: rgb(178,  
131, 125) }
```

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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