

Converting Colors

XYZ(27.8567, 24.0366, 16.5359)

Have a look what the booklet for
XYZ(27.8567, 24.0366, 16.5359)
contains.

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Color

**XYZ(27.8567, 24.0366,
16.5359)**

Conversions

Conversions Part 1

Format	Color
Hex	B37869
RGB	179, 120, 105
RGB Percent	70%, 47%, 41%
CMY	0.2980, 0.5294, 0.5882
CMYK	0.00, 0.33, 0.41, 0.30
HSL	12°, 33%, 56%
HSV	12°, 41%, 70%
XYZ	27.8567, 24.0366, 16.5359
YIQ	135.9310, 39.9790, 7.8430

Conversions

Conversions Part 2

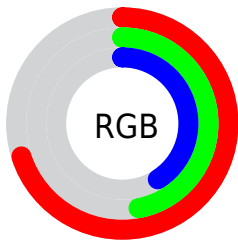
Format	Color
R_{YB}	179, 124, 105
Decimal	11761769
CIE _{Lab}	56.12, 21.24, 17.65
CIE _{LCh}	56, 27.617, 39.717
Yxy	24.0366, 0.4071, 0.3513
Android (android.graphics.Color)	4289951849 (0xFFB37869)
YUV	135.9310, -15.2490, 37.7715
Hunter-Lab	49.0271, 15.6243, 14.3216

Details

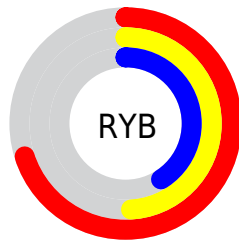
The XYZ color **27.8567, 24.0366, 16.5359** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **27.2372, 32.8075, 47.5447**, and the grayscale version is **23.4213, 24.6410, 26.8341**.

A 20% lighter version of the original color is **55.8694, 50.2920, 38.2152**, and **11.3291, 9.0971, 5.1618** is the 20% darker color. If you saturate the color by 10%, you get **25.4415, 20.5269, 11.6596**, and if you desaturate by 10%, it is **30.7226, 28.1377, 22.5183**.

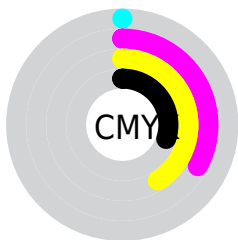
Distribution



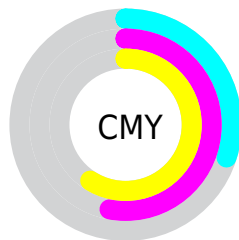
- Red (70%)
- Green (47%)
- Blue (41%)



- Red (70%)
- Yellow (49%)
- Blue (41%)



- Cyan (0%)
- Magenta (33%)
- Yellow (41%)
- Black (30%)





- Cyan (30%)
- Magenta (53%)
- Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 27.8567, 24.0366, 16.5359 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 27.8567, 24.0366, 16.5359 by changing the saturation by 10% instead.


 27.8567, 24.0366,
16.5359


 27.8567, 24.0366,
16.5359


283.8741,
273.0055, 244.4363


 18.3576, 15.3608,
9.7457


 55.6658, 50.0899,
38.3057

 11.3082, 9.0730,
5.1273


 74.7065, 68.2362,
54.1225

 6.3434, 4.7888,
2.2621


 97.6585, 90.3081,
73.7851

 3.0976, 2.1239,
0.7099

 124.8870,
116.6900, 97.7123

 1.2056, 0.6780,
0.0000

156.7574,
147.7663, 126.3224

 0.1108, 0.0000,
0.0000

193.6352,

 0.0000, 0.0000,

183.9214, 160.0341

0.0000

235.8856,
225.5396, 199.2658

■ 27.8567, 24.0366,
16.5359

■ 27.8567, 24.0366,
16.5359

■ 25.4415, 20.5269,
11.6596

■ 30.7226, 28.1377,
22.5183

■ 23.4517, 17.5776,
7.8198

■ 34.0591, 32.8524,
29.6678

■ 21.8620, 15.1602,
4.9408


■ 37.8872, 38.2059,
38.0426

■ 20.6438, 13.2422,
2.9364


■ 42.2259, 44.2209,
47.6967


■ 19.7640, 11.7873,
1.7044

■ 47.0933, 50.9192,
58.6807

 19.2302, 10.8633,
1.0833

 52.5067, 58.3214,
71.0426

 58.4824, 66.4473,
84.8279

 65.0361, 75.3159,
100.0801

 70.3434, 84.2096,
107.1543

Harmonies

Analogous

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



29.3880, 24.0366, 23.3375



27.8567, 24.0366, 16.5359



25.0223, 24.0366, 12.9865

Triad

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



27.8567, 24.0366, 16.5359



17.5977, 24.0366, 20.5806



23.8892, 24.0366, 47.3954

Complementary

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



27.8567, 24.0366, 16.5359



27.2372, 32.8075, 47.5447

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.



20.7998, 24.0366, 46.1714



27.8567, 24.0366, 16.5359



17.3550, 24.0366, 29.2266

Square

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



27.8567, 24.0366, 16.5359



19.1722, 24.0366, 14.9199



18.4755, 24.0366, 38.9701



26.9617, 24.0366, 42.0062

Rectangle

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



27.8567, 24.0366, 16.5359



22.8761, 24.0366, 12.3207



18.4755, 24.0366, 38.9701



22.8160, 24.0366, 47.7677

Sweetspot

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



27.8573, 24.0378, 16.5364



67.2281, 67.5528, 66.7508



30.3610, 22.3746, 37.9353



14.6907, 14.6824, 14.3403



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.



27.8573, 24.0378, 16.5364



45.7613, 37.0507, 21.2702



33.1635, 34.6500, 18.3051



8.6313, 8.7752, 8.8914



13.6274, 7.7534, 0.7783



0.4695, 0.3253, 0.0381

Inverse Universe

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



27.2372, 32.8075, 47.5447



44.4624, 54.9119, 84.6368



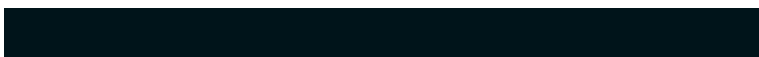
21.5778, 21.4886, 45.6583



8.5934, 9.3331, 10.8549



12.7066, 16.2135, 32.5968



0.4369, 0.5844, 1.0380

Previews

White Background



This preview shows how the XYZ color 27.8567, 24.0366, 16.5359 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 27.8567, 24.0366, 16.5359 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

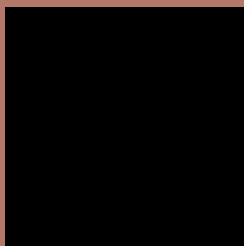
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 27.8567, 24.0366, 16.5359

Background



This preview shows how black text looks on a background with the XYZ color 27.8567, 24.0366, 16.5359.



This preview shows how white text looks on a background with the XYZ color 27.8567, 24.0366,

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

27.8567, 24.0366, 16.5359

Protanopia

22.7439, 24.2486, 18.8109

Deuteranopia

24.3990, 23.9489, 16.1686



Tritanopia

29.1832, 24.0527, 22.8432

Trichromacy



Original Color

27.8567, 24.0366, 16.5359

Protanomaly

24.2605, 24.0380, 17.8291

Deuteranomaly

25.6854, 24.0282, 16.3808

Tritanomaly

28.5708, 23.9682, 20.2600

Monochromacy



Original Color

27.8567, 24.0366, 16.5359

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

24.6332, 24.1213, 22.7596

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.8567, 24.0366, 16.5359 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, 120, 105)` looks like.

```
.text, #text, p{  
    color:rgb(179, 120, 105)  
}
```

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, 120, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 120, 105) }
```

Border

The CSS property to change the border of an element to XYZ 27.8567, 24.0366, 16.5359 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, 120, 105) }
```


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

```
.border{ border-color:rgb(179, 120, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 120, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(179, 120, 105); -webkit-box-shadow:4px 4px 4px 4px rgb(179, 120, 105); box-shadow:4px 4px 4px 4px rgb(179, 120, 105) }
```

Background

The CSS property to change the background color of an element to XYZ 27.8567, 24.0366, 16.5359 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 120, 105) }
```

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

```
.background{ background-color: rgb(179,  
120, 105) }
```

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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