

Converting Colors

XYZ(30.4924, 27.0174, 26.3830)

Have a look what the booklet for
XYZ(30.4924, 27.0174, 26.3830)
contains.

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Color

**XYZ(30.4873, 27.0616,
26.5382)**

Conversions

Conversions Part 1

Format	Color
Hex	B18287
RGB	177, 130, 135
RGB Percent	69%, 51%, 53%
CMY	0.3059, 0.4902, 0.4706
CMYK	0.00, 0.27, 0.24, 0.31
HSL	354°, 23%, 60%
HSV	354°, 27%, 69%
XYZ	30.4873, 27.0616, 26.5382
YIQ	144.6230, 26.4070, 11.5190

Conversions

Conversions Part 2

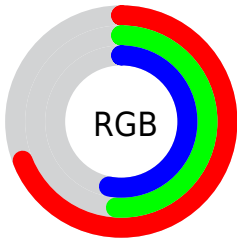
Format	Color
RYB	177, 130, 135
Decimal	11633287
CIELab	59.03, 18.86, 4.43
CIELCh	59, 19.369, 13.234
Yxy	27.0616, 0.3626, 0.3218
Android (android.graphics.Color)	4289823367 (0xFFB18287)
YUV	144.6230, -4.7441, 28.3946
Hunter-Lab	52.0208, 13.5754, 6.1680

Details

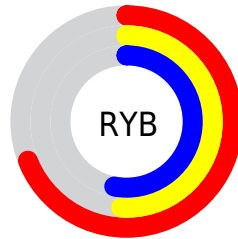
The XYZ color **30.4873, 27.0616, 26.5382** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **32.3756, 39.1694, 44.8858**, and the grayscale version is **26.7725, 28.1667, 30.6736**.

A 20% lighter version of the original color is **59.6149, 54.8215, 55.0165**, and **12.6767, 10.6042, 9.9730** is the 20% darker color. If you saturate the color by 10%, you get **27.3002, 22.3391, 20.3833**, and if you desaturate by 10%, it is **34.2464, 32.6628, 33.7007**.

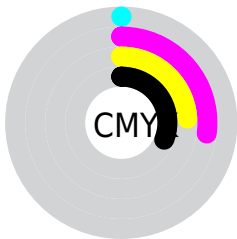
Distribution



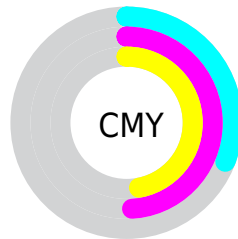
- Red (69%)
- Green (51%)
- Blue (53%)



- Red (69%)
- Yellow (51%)
- Blue (53%)



- Cyan (0%)
- Magenta (27%)
- Yellow (24%)
- Black (31%)





- Cyan (31%)
- Magenta (49%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 30.4873, 27.0616, 26.5382 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 30.4873, 27.0616, 26.5382 by changing the saturation by 10% instead.


 30.4873, 27.0616,
26.5382


 30.4873, 27.0616,
26.5382


296.0385,
287.9553, 299.1033

 20.3587, 17.6195,
16.9973


 59.8133, 54.9827,
55.1366

 12.7658, 10.6772,
10.0707

 79.7414, 74.2305,
75.0313

 7.3434, 5.8502,
5.3396

 103.6667, 97.5156,
99.2143

 3.7260, 2.7542,
2.3857

131.9545,
125.2225, 128.1041

 1.5483, 1.0048,
0.7786

164.9703,
157.7355, 162.1194

 0.3584, 0.0000,
0.0000

203.0793,

 0.0000, 0.0000,

195.4390, 201.6787

0.0000

246.6469,
238.7175, 247.2005

■ 30.4873, 27.0616,
26.5382

■ 30.4873, 27.0616,
26.5382

■ 27.3002, 22.3391,
20.3833

■ 34.2464, 32.6628,
33.7007

■ 24.6548, 18.4471,
15.1893

■ 38.6013, 39.1802,
41.9116

■ 22.5215, 15.3386,
10.9079

■ 43.5773, 46.6535,
51.2114

■ 20.8669, 12.9605,
7.4863

■ 49.1973, 55.1192,
61.6378

■ 19.6537, 11.2528,
4.8660

■ 55.4834, 64.6118,
73.2268

■ 18.8388, 10.1462,
2.9812

■ 62.4563, 75.1641,
86.0130

■ 18.3656, 9.5468,
1.7539

■ 70.1360, 86.8074,
100.0291

■ 18.2476, 9.3936,
1.4594

■ 71.9416, 88.0872,
107.8185

Harmonies

Analogous

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



30.4048, 27.0616, 33.4507



30.4873, 27.0616, 26.5382



29.2373, 27.0616, 21.2975

Triad

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



30.4873, 27.0616, 26.5382



22.6838, 27.0616, 20.8363



24.4110, 27.0616, 44.0419

Complementary

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



30.4873, 27.0616, 26.5382



32.3756, 39.1694, 44.8858

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.



22.4990, 27.0616, 39.4930



30.4873, 27.0616, 26.5382



21.5452, 27.0616, 25.8101

Square

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



30.4873, 27.0616, 26.5382



24.6777, 27.0616, 18.3682



21.4797, 27.0616, 32.6005



26.7938, 27.0616, 44.3185

Rectangle

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



30.4873, 27.0616, 26.5382



27.8591, 27.0616, 19.1576



21.4797, 27.0616, 32.6005



23.6956, 27.0616, 42.9329

Sweetspot

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



30.4880, 27.0629, 26.5388



67.8239, 68.2073, 72.6027



32.8267, 27.8569, 45.2421



14.4390, 14.3928, 15.2460



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



30.4880, 27.0629, 26.5388



51.0604, 43.2130, 40.7094



32.7541, 32.1449, 25.5988



8.5319, 8.5195, 9.0333



13.2324, 6.8105, 1.1179



0.4282, 0.2190, 0.0976

Inverse Universe

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



30.4880, 27.0629, 26.5388



51.0604, 43.2130, 40.7094



29.5381, 32.7117, 46.3525



8.5319, 8.5195, 9.0333



13.2324, 6.8105, 1.1179



0.4282, 0.2190, 0.0976

Previews

White Background



This preview shows how the XYZ color 30.4873, 27.0616, 26.5382 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 30.4873, 27.0616, 26.5382 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

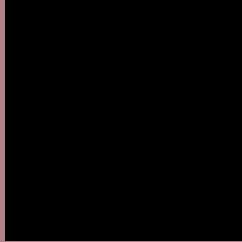
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 30.4873, 27.0616, 26.5382

Background



This preview shows how black text looks on a background with the XYZ color 30.4873, 27.0616, 26.5382.



This preview shows how white text looks on a background with the XYZ color 30.4873, 27.0616,

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

30.4873, 27.0616, 26.5382

Protanopia

26.2325, 27.3187, 29.4816

Deuteranopia

27.5468, 26.9835, 26.3107



Tritanopia

30.6419, 26.9117, 28.0056

Trichromacy



Original Color

30.4873, 27.0616, 26.5382

Protanomaly

27.6533, 27.2091, 28.2205

Deuteranomaly

28.5541, 26.8784, 26.2373

Tritanomaly

30.5692, 26.8826, 27.6224

Monochromacy



Original Color

30.4873, 27.0616, 26.5382

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

28.0904, 27.8474, 29.0939

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.4873, 27.0616, 26.5382 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(177, 130, 135)` looks like.

```
.text, #text, p{  
    color:rgb(177, 130, 135)  
}
```

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(177, 130, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 130, 135) }
```

Border

The CSS property to change the border of an element to XYZ 30.4873, 27.0616, 26.5382 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(177, 130, 135) }
```


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

```
.border{ border-color:rgb(177, 130, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 130, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(177, 130, 135); -webkit-box-shadow:4px 4px 4px 4px rgb(177, 130, 135); box-shadow:4px 4px 4px 4px rgb(177, 130, 135) }
```

Background

The CSS property to change the background color of an element to XYZ 30.4873, 27.0616, 26.5382 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 130, 135) }
```

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

```
.background{ background-color: rgb(177,  
130, 135) }
```

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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