

Converting Colors

XYZ(31.6129, 27.2125, 19.5059)

Have a look what the booklet for
XYZ(31.6129, 27.2125, 19.5059)
contains.

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Color

**XYZ(31.6129, 27.2125,
19.5059)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | BD7F72 |
| RGB | 189, 127, 114 |
| RGB Percent | 74%, 50%, 45% |
| CMY | 0.2588, 0.5019, 0.5529 |
| CMYK | 0.00, 0.33, 0.40, 0.26 |
| HSL | 10°, 36%, 59% |
| HSV | 10°, 40%, 74% |
| XYZ | 31.6129, 27.2125, 19.5059 |
| YIQ | 144.0560, 41.1250, 9.1010 |

Conversions

Conversions Part 2

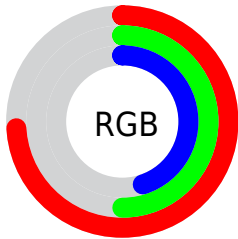
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 189, 130, 114 |
| Decimal | 12418930 |
| CIE Lab | 59.17, 22.42, 16.86 |
| CIE LCh | 59, 28.049, 36.946 |
| Yxy | 27.2125, 0.4036, 0.3474 |
| Android (android.graphics.Color) | 4290609010 (0xFFBD7F72) |
| YUV | 144.0560, -14.8176, 39.4159 |
| Hunter-Lab | 52.1656, 16.8831, 14.3460 |

Details

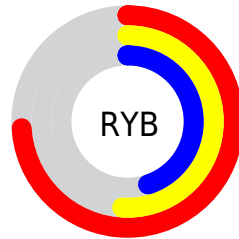
The XYZ color **31.6129, 27.2125, 19.5059** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **31.6493, 38.3005, 53.8687**, and the grayscale version is **26.5787, 27.9628, 30.4515**.

A 20% lighter version of the original color is **61.5620, 55.1698, 43.4806**, and **13.3101, 10.6876, 6.5157** is the 20% darker color. If you saturate the color by 10%, you get **28.7826, 23.0994, 13.7922**, and if you desaturate by 10%, it is **34.9797, 32.0430, 26.4957**.

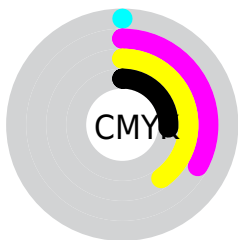
Distribution



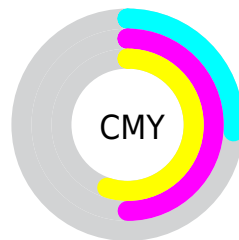
- Red (74%)
- Green (50%)
- Blue (45%)



- Red (74%)
- Yellow (51%)
- Blue (45%)



- Cyan (0%)
- Magenta (33%)
- Yellow (40%)
- Black (26%)





- Cyan (26%)
- Magenta (50%)
- Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 31.6129, 27.2125, 19.5059 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 31.6129, 27.2125, 19.5059 by changing the saturation by 10% instead.


 31.6129, 27.2125,
19.5059


 31.6129, 27.2125,
19.5059


301.1288,
288.6845, 261.7427


 21.2201, 17.7329,
11.8559


 61.5730, 55.2247,
43.4352


 13.3984, 10.7584,
6.5243


 81.8711, 74.5260,
60.5517

 7.7823, 5.9046,
3.0925


 106.2016, 97.8701,
81.6606

 4.0066, 2.7872,
1.1421

 134.9300,
125.6412, 107.1807

 1.7059, 1.0216,
0.0000

168.4215,
158.2238, 137.5304

 0.4599, 0.0000,
0.0000

207.0416,

 0.0000, 0.0000,

196.0023, 173.1283

0.0000

251.1556,
239.3611, 214.3929

■ 31.6129, 27.2125,
19.5059

■ 31.6129, 27.2125,
19.5059

■ 28.7826, 23.0994,
13.7922

■ 34.9797, 32.0430,
26.4957

■ 26.4587, 19.6653,
9.2754

■ 38.9071, 37.6187,
34.8308

■ 24.6110, 16.8746,
5.8704


■ 43.4201, 43.9710,
44.5775

■ 23.2051, 14.6864,
3.4795


■ 48.5415, 51.1283,
55.7971

■ 22.2019, 13.0551,
1.9885


■ 54.2931, 59.1174,
68.5473


 21.5409, 11.9228,
1.1833

 60.6953, 67.9640,
82.8828

 21.5238, 11.8939,
1.1613

 67.7677, 77.6926,
98.8555

 73.8429, 87.6521,
107.6344

 74.7962, 89.5588,
107.9521

Harmonies

Analogous

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



33.1218, 27.2125, 27.3637



31.6129, 27.2125, 19.5059



28.5852, 27.2125, 15.2198

Triad

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



31.6129, 27.2125, 19.5059



20.1633, 27.2125, 22.7170



26.6855, 27.2125, 53.1218

Complementary

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



31.6129, 27.2125, 19.5059



31.6493, 38.3005, 53.8687

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.



23.3225, 27.2125, 51.0894



31.6129, 27.2125, 19.5059



19.7535, 27.2125, 32.0177

Square

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



31.6129, 27.2125, 19.5059



22.0337, 27.2125, 16.7613



20.8592, 27.2125, 42.7618



30.1158, 27.2125, 47.8166

Rectangle

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



31.6129, 27.2125, 19.5059



26.2242, 27.2125, 14.2723



20.8592, 27.2125, 42.7618



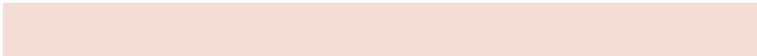
25.5085, 27.2125, 53.2901

Sweetspot

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



31.6136, 27.2138, 19.5064



75.6360, 75.7632, 75.2133



34.8897, 26.0081, 44.5154



16.0336, 15.9670, 15.6727



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



31.6136, 27.2138, 19.5064



51.9748, 41.9931, 25.5461



37.2991, 38.5847, 21.4016



9.6603, 9.7967, 9.9584



14.5217, 8.0822, 0.7946



0.6107, 0.4003, 0.0451

Inverse Universe

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



31.6493, 38.3005, 53.8687



52.0176, 64.6555, 95.9643



25.3575, 25.7170, 51.7714



9.6640, 10.5204, 12.1935



14.2544, 18.6206, 35.2357



0.5960, 0.8047, 1.3928

Previews

White Background



This preview shows how the XYZ color 31.6129, 27.2125, 19.5059 looks on a white background.

Color Contrast Check

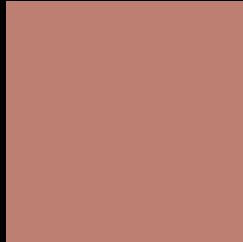
Large Text (above 18pt) WCAG AA ✓ Pass

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 31.6129, 27.2125, 19.5059 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 31.6129, 27.2125, 19.5059

Background



This preview shows how black text looks on a background with the XYZ color 31.6129, 27.2125, 19.5059.



This preview shows how white text looks on a background with the XYZ color 31.6129, 27.2125,

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

31.6129, 27.2125, 19.5059

Protanopia

25.7019, 27.2105, 21.9867

Deuteranopia

27.8066, 27.2767, 19.1286



Tritanopia

32.9966, 27.2129, 26.0678

Trichromacy



Original Color

31.6129, 27.2125, 19.5059

Protanomaly

27.5255, 27.0918, 20.9180

Deuteranomaly

29.0474, 27.0813, 19.3190

Tritanomaly

32.3996, 27.1467, 23.6109

Monochromacy



Original Color

31.6129, 27.2125, 19.5059

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

27.8193, 27.3440, 26.0020

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.6129, 27.2125, 19.5059 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(189, 127, 114)` looks like.

```
.text, #text, p{  
    color:rgb(189, 127, 114)  
}
```

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(189, 127, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 127, 114) }
```

Border

The CSS property to change the border of an element to XYZ 31.6129, 27.2125, 19.5059 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(189, 127, 114) }
```


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

```
.border{ border-color:rgb(189, 127, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 127, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 127, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 127, 114);  
box-shadow:4px 4px 4px 4px rgb(189, 127,  
114) }
```

Background

The CSS property to change the background color of an element to XYZ 31.6129, 27.2125, 19.5059 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 127, 114) }
```

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

```
.background{ background-color: rgb(189,  
127, 114) }
```

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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