

Converting Colors

XYZ(27.9335, 26.0383, 19.6021)

Have a look what the booklet for
XYZ(27.9335, 26.0383, 19.6021)
contains.

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Color

**XYZ(27.9481, 26.1054,
19.4854)**

Conversions

Conversions Part 1

Format	Color
Hex	AB8372
RGB	171, 131, 114
RGB Percent	67%, 51%, 45%
CMY	0.3294, 0.4863, 0.5529
CMYK	0.00, 0.23, 0.33, 0.33
HSL	18°, 25%, 56%
HSV	18°, 33%, 67%
XYZ	27.9481, 26.1054, 19.4854
YIQ	141.0220, 29.2970, 3.1930

Conversions

Conversions Part 2

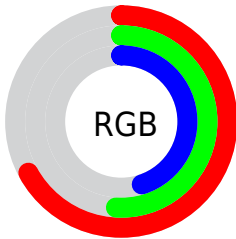
Format	Color
R_{YB}	171, 138, 114
Decimal	11240306
CIE Lab	58.14, 12.93, 15.12
CIE LCh	58, 19.893, 49.455
Yxy	26.1054, 0.3800, 0.3550
Android (android.graphics.Color)	4289430386 (0xFFAB8372)
YUV	141.0220, -13.3218, 26.2907
Hunter-Lab	51.0934, 8.2259, 13.1541

Details

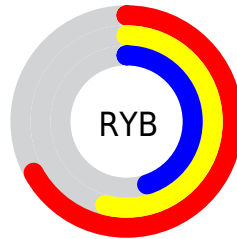
The XYZ color **27.9481, 26.1054, 19.4854** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **25.8453, 29.6278, 42.8846**, and the grayscale version is **25.3691, 26.6903, 29.0657**.

A 20% lighter version of the original color is **55.7020, 53.3650, 43.4411**, and **11.3368, 10.2098, 6.5274** is the 20% darker color. If you saturate the color by 10%, you get **25.5451, 22.7141, 14.3230**, and if you desaturate by 10%, it is **30.7211, 29.9453, 25.6695**.

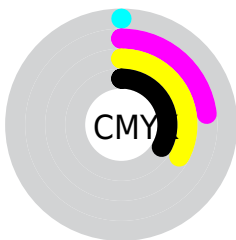
Distribution



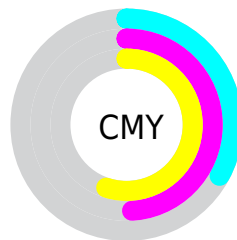
- Red (67%)
- Green (51%)
- Blue (45%)



- Red (67%)
- Yellow (54%)
- Blue (45%)



- Cyan (0%)
- Magenta (23%)
- Yellow (33%)
- Black (33%)



- Cyan (33%)
- Magenta (49%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.9481, 26.1054, 19.4854 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 27.9481, 26.1054, 19.4854 by changing the saturation by 10% instead.

■ 27.9481, 26.1054,
19.4854

■ 27.9481, 26.1054,
19.4854

284.3034,
283.2991, 261.6269

■ 18.4268, 16.9025,
11.8412

■ 55.8108, 53.4449,
43.4003

■ 11.3584, 10.1650,
6.5144

■ 74.8829, 72.3504,
60.5080

■ 6.3775, 5.5085,
3.0865

■ 97.8693, 95.2588,
81.6074

■ 3.1188, 2.5486,
1.1390

125.1354,
122.5545, 107.1169

■ 1.2169, 0.9009,
0.0000

157.0465,
154.6220, 137.4550

■ 0.1196, 0.0000,
0.0000

193.9679,

■ 0.0000, 0.0000,

191.8457, 173.0404

0.0000

236.2651,
234.6099, 214.2915

■ 27.9481, 26.1054,
19.4854

■ 27.9481, 26.1054,
19.4854

■ 25.5451, 22.7141,
14.3230

■ 30.7211, 29.9453,
25.6695

■ 23.4936, 19.7509,
10.1250

■ 33.8775, 34.2458,
32.9250

■ 21.7763, 17.1993,
6.8310

■ 37.4324, 39.0233,
41.3005

■ 20.3738, 15.0399,
4.3729

■ 41.3997, 44.2921,
50.8408

■ 19.2641, 13.2519,
2.6729

■ 45.7922, 50.0659,
61.5885

■ 18.4219, 11.8121,
1.6379

■ 50.6225, 56.3577,
73.5839

■ 17.9789, 11.0265,
1.1807

■ 55.9025, 63.1804,
86.8655

■ 61.6436, 70.5461,
101.4702

■ 65.7094, 77.6076,
106.1243

Harmonies

Analogous

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



29.4431, 26.1054, 24.2293



27.9481, 26.1054, 19.4854



25.6701, 26.1054, 17.2719

Triad

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



27.9481, 26.1054, 19.4854



20.5300, 26.1054, 26.0643



26.3880, 26.1054, 42.8635

Complementary

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



27.9481, 26.1054, 19.4854



25.8453, 29.6278, 42.8846

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.



23.9740, 26.1054, 43.5691



27.9481, 26.1054, 19.4854



20.6946, 26.1054, 33.0776

Square

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



27.9481, 26.1054, 19.4854



21.4551, 26.1054, 20.6410



21.9205, 26.1054, 39.7485



28.5028, 26.1054, 37.9531

Rectangle

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



27.9481, 26.1054, 19.4854



24.0589, 26.1054, 17.2405



21.9205, 26.1054, 39.7485



25.5814, 26.1054, 43.6274

Sweetspot

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



27.9488, 26.1066, 19.4859



62.6040, 63.9394, 63.4805



28.7158, 23.0543, 33.8809



13.7728, 14.0050, 13.7156



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



27.9488, 26.1066, 19.4859



46.8180, 42.1994, 27.9079



32.1699, 34.5490, 20.8930



8.1927, 8.3903, 8.4011



13.5945, 8.3945, 0.9038



0.4265, 0.3302, 0.0413

Inverse Universe

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



25.8453, 29.6278, 42.8846



42.4549, 49.4612, 76.3112



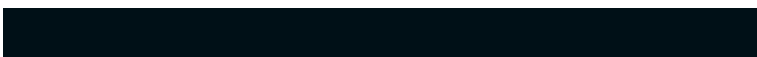
21.7960, 21.5293, 41.5348



8.0316, 8.6625, 10.2014



10.6511, 12.4360, 30.8835



0.3410, 0.4353, 0.8740

Previews

White Background



This preview shows how the XYZ color 27.9481, 26.1054, 19.4854 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 27.9481, 26.1054, 19.4854 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

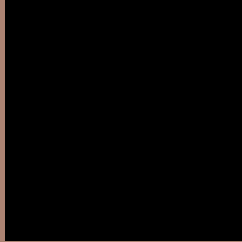
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 27.9481, 26.1054, 19.4854

Background



This preview shows how black text looks on a background with the XYZ color 27.9481, 26.1054, 19.4854.



This preview shows how white text looks on a background with the XYZ color 27.9481, 26.1054,

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

27.9481, 26.1054, 19.4854

Protanopia

24.6807, 26.2672, 20.9088

Deuteranopia

26.6100, 26.0290, 19.2444



Tritanopia

29.4681, 26.1287, 27.1571

Trichromacy



Original Color

27.9481, 26.1054, 19.4854

Protanomaly

25.8668, 26.2436, 20.5318

Deuteranomaly

27.0940, 26.0743, 19.2276

Tritanomaly

28.8260, 26.0561, 24.2789

Monochromacy



Original Color

27.9481, 26.1054, 19.4854

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

25.9913, 26.2054, 25.1610

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.9481, 26.1054, 19.4854 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(171, 131, 114)` looks like.

```
.text, #text, p{  
    color:rgb(171, 131, 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(171, 131, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 131, 114) }
```

Border

The CSS property to change the border of an element to XYZ 27.9481, 26.1054, 19.4854 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(171, 131, 114) }
```


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

```
.border{ border-color:rgb(171, 131, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 131, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 131, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 131, 114);  
box-shadow:4px 4px 4px 4px rgb(171, 131,  
114) }
```

Background

The CSS property to change the background color of an element to XYZ 27.9481, 26.1054, 19.4854 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 131, 114) }
```

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

```
.background{ background-color: rgb(171,  
131, 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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