

Converting Colors

XYZ(28.6797, 26.4487, 21.0463)

Have a look what the booklet for
XYZ(28.6797, 26.4487, 21.0463)
contains.

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Color

**XYZ(28.6797, 26.4487,
21.0463)**

Conversions

Conversions Part 1

Format	Color
Hex	AD8377
RGB	173, 131, 119
RGB Percent	68%, 51%, 47%
CMY	0.3216, 0.4863, 0.5333
CMYK	0.00, 0.24, 0.31, 0.32
HSL	13°, 25%, 57%
HSV	13°, 31%, 68%
XYZ	28.6797, 26.4487, 21.0463
YIQ	142.1900, 28.8840, 5.1720

Conversions

Conversions Part 2

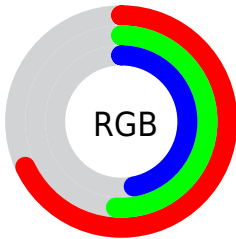
Format	Color
R_{YB}	173, 134, 119
Decimal	11371383
CIE _{Lab}	58.46, 14.41, 12.74
CIE _{LCh}	58, 19.237, 41.479
Yxy	26.4487, 0.3765, 0.3472
Android (android.graphics.Color)	4289561463 (0xFFAD8377)
YUV	142.1900, -11.4327, 27.0204
Hunter-Lab	51.4283, 9.5435, 11.7362

Details

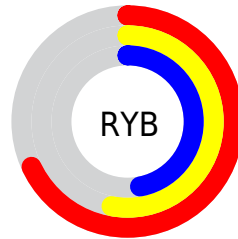
The XYZ color **28.6797, 26.4487, 21.0463** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **27.8952, 32.4280, 44.3245**, and the grayscale version is **25.8228, 27.1676, 29.5855**.

A 20% lighter version of the original color is **56.8043, 53.8793, 45.9339**, and **11.6875, 10.2617, 7.3259** is the 20% darker color. If you saturate the color by 10%, you get **26.0427, 22.6887, 15.4995**, and if you desaturate by 10%, it is **31.7420, 30.7562, 27.6685**.

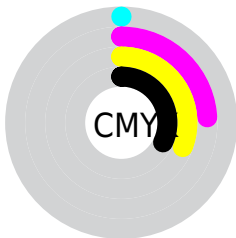
Distribution



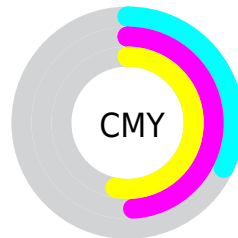
- Red (68%)
- Green (51%)
- Blue (47%)



- Red (68%)
- Yellow (53%)
- Blue (47%)



- Cyan (0%)
- Magenta (24%)
- Yellow (31%)
- Black (32%)



- Cyan (32%)
- Magenta (49%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.6797, 26.4487, 21.0463 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 28.6797, 26.4487, 21.0463 by changing the saturation by 10% instead.

■ 28.6797, 26.4487,
21.0463

■ 28.6797, 26.4487,
21.0463

287.7222,
284.9778, 270.3136

■ 18.9817, 17.1596,
12.9663

■ 56.9689, 53.9979,
46.0464

■ 11.7610, 10.3484,
7.2749

■ 76.2908, 73.0269,
63.8035

■ 6.6522, 5.6305,
3.5535

■ 99.5514, 96.0712,
85.6234

■ 3.2899, 2.6218,
1.3838

127.1161,
123.5153, 111.9246

■ 1.3089, 0.9376,
0.1290

159.3501,
155.7437, 143.1257

■ 0.1898, 0.0000,
0.0000

196.6189,

■ 0.0000, 0.0000,

193.1406, 179.6452

0.0000

239.2878,
236.0905, 221.9017

■ 28.6797, 26.4487,
21.0463

■ 28.6797, 26.4487,
21.0463

■ 26.0427, 22.6887,
15.4995

■ 31.7420, 30.7562,
27.6685

■ 23.8096, 19.4504,
10.9695

■ 35.2453, 35.6283,
35.4173

■ 21.9603, 16.7116,
7.3943


■ 39.2075, 41.0858,
44.3427

■ 20.4720, 14.4467,
4.7046


■ 43.6444, 47.1475,
54.4909


■ 19.3195, 12.6279,
2.8216


■ 48.5713, 53.8313,
65.9059


 18.4738, 11.2243,
1.6523

 54.0027, 61.1542,
78.6295

 17.9414, 10.2998,
1.0424

 59.9526, 69.1328,
92.7013

 66.0452, 77.6272,
106.1103

 70.1241, 85.7851,
107.4700

Harmonies

Analogous

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



29.8340, 26.4487, 26.2978



28.6797, 26.4487, 21.0463



26.6021, 26.4487, 18.1842

Triad

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



28.6797, 26.4487, 21.0463



21.0914, 26.4487, 24.8785



26.0491, 26.4487, 43.4395

Complementary

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



28.6797, 26.4487, 21.0463



27.8952, 32.4280, 44.3245

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.



23.7300, 26.4487, 42.9004



28.6797, 26.4487, 21.0463



20.9639, 26.4487, 31.4521

Square

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



28.6797, 26.4487, 21.0463



22.2619, 26.4487, 20.1472



21.9019, 26.4487, 38.2521



28.2532, 26.4487, 39.6269

Rectangle

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



28.6797, 26.4487, 21.0463



25.0222, 26.4487, 17.6983



21.9019, 26.4487, 38.2521



25.2556, 26.4487, 43.7752

Sweetspot

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



28.6804, 26.4499, 21.0468



64.5134, 65.7312, 66.5423



30.2902, 24.6620, 37.0212



13.8116, 13.9966, 13.9943



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.



28.6804, 26.4499, 21.0468



48.2410, 42.9273, 31.0879



32.7394, 34.5680, 22.3998



8.1443, 8.2934, 8.3849



13.2169, 7.6392, 0.7779



0.4076, 0.2923, 0.0349

Inverse Universe

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



27.8952, 32.4280, 44.3245



46.6147, 55.2148, 79.0064



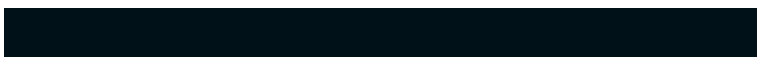
23.7175, 24.0727, 42.9319



8.0831, 8.7655, 10.2186



11.9036, 14.9410, 31.3010



0.3680, 0.4894, 0.8831

Previews

White Background



This preview shows how the XYZ color 28.6797, 26.4487, 21.0463 looks on a white background.

Color Contrast Check

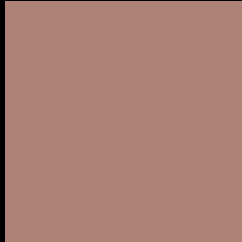
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.6797, 26.4487, 21.0463 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 28.6797, 26.4487, 21.0463

Background



This preview shows how black text looks on a background with the XYZ color 28.6797, 26.4487, 21.0463.



This preview shows how white text looks on a background with the XYZ color 28.6797, 26.4487,

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

28.6797, 26.4487, 21.0463

Protanopia

25.0488, 26.4144, 22.8471

Deuteranopia

26.8343, 26.3173, 20.8050



Tritanopia

29.9858, 26.3873, 27.5576

Trichromacy



Original Color

28.6797, 26.4487, 21.0463

Protanomaly

26.1688, 26.3644, 22.1219

Deuteranomaly

27.5210, 26.4652, 20.7973

Tritanomaly

29.4025, 26.3379, 25.0068

Monochromacy



Original Color

28.6797, 26.4487, 21.0463

Achromatopsia

25.7108, 27.0498, 29.4572

Achromatomaly

26.5284, 26.6705, 26.3040

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.6797, 26.4487, 21.0463 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(173, 131, 119)` looks like.

```
.text, #text, p{  
    color:rgb(173, 131, 119)  
}
```

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(173, 131, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 131, 119) }
```

Border

The CSS property to change the border of an element to XYZ 28.6797, 26.4487, 21.0463 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(173, 131, 119) }
```


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

```
.border{ border-color:rgb(173, 131, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 131, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 131, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 131, 119);  
box-shadow:4px 4px 4px 4px rgb(173, 131,  
119) }
```

Background

The CSS property to change the background color of an element to XYZ 28.6797, 26.4487, 21.0463 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 131, 119) }
```

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

```
.background{ background-color: rgb(173,  
131, 119) }
```

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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