

Converting Colors

XYZ(26.2727, 24.1380, 17.1135)

Have a look what the booklet for
XYZ(26.2727, 24.1380, 17.1135)
contains.

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Color

**XYZ(26.3496, 24.1638,
17.1852)**

Conversions

Conversions Part 1

Format	Color
Hex	A97D6B
RGB	169, 125, 107
RGB Percent	66%, 49%, 42%
CMY	0.3373, 0.5098, 0.5804
CMYK	0.00, 0.26, 0.37, 0.34
HSL	17°, 26%, 54%
HSV	17°, 37%, 66%
XYZ	26.3496, 24.1638, 17.1852
YIQ	136.1040, 32.0020, 3.7300

Conversions

Conversions Part 2

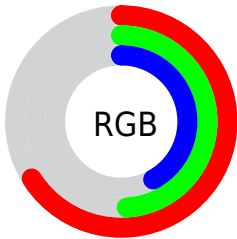
Format	Color
R_{YB}	169, 132, 107
Decimal	11107691
CIE _{Lab}	56.25, 14.59, 16.49
CIE _{LCh}	56, 22.019, 48.485
Yxy	24.1638, 0.3892, 0.3569
Android (android.graphics.Color)	4289297771 (0xFFA97D6B)
YUV	136.1040, -14.3483, 28.8498
Hunter-Lab	49.1567, 9.6577, 13.6819

Details

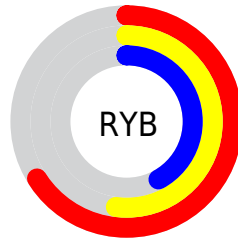
The XYZ color **26.3496, 24.1638, 17.1852** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **24.2909, 28.1224, 41.6839**, and the grayscale version is **23.4849, 24.7080, 26.9070**.

A 20% lighter version of the original color is **53.1433, 50.3170, 39.2589**, and **10.4703, 9.1400, 5.4873** is the 20% darker color. If you saturate the color by 10%, you get **24.1184, 20.9879, 12.4753**, and if you desaturate by 10%, it is **28.9392, 27.7782, 22.8724**.

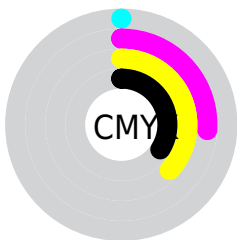
Distribution



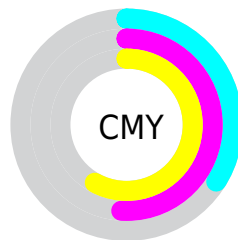
- Red (66%)
- Green (49%)
- Blue (42%)



- Red (66%)
- Yellow (52%)
- Blue (42%)



- Cyan (0%)
- Magenta (26%)
- Yellow (37%)
- Black (34%)





- Cyan (34%)
- Magenta (51%)
- Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.3496, 24.1638, 17.1852 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 26.3496, 24.1638, 17.1852 by changing the saturation by 10% instead.


 26.3496, 24.1638,
17.1852


 26.3496, 24.1638,
17.1852


276.7194,
273.6476, 248.3174


 17.2194, 15.4552,
10.2033


 53.2657, 50.2974,
39.4389

 10.4873, 9.1395,
5.4266


 71.7823, 68.4911,
55.5478

 5.7880, 4.8323,
2.4366


 94.1584, 90.6153,
75.5361

 2.7560, 2.1492,
0.8063

 120.7595,
117.0544, 99.8223

 1.0261, 0.6921,
0.0000

151.9507,
148.1928, 128.8250

 0.0000, 0.0000,
0.0000

188.0975,

184.4148, 162.9627

229.5653,
226.1050, 202.6540

■ 26.3496, 24.1638,
17.1852

■ 26.3496, 24.1638,
17.1852

■ 24.1184, 20.9879,
12.4753

■ 28.9392, 27.7782,
22.8724

■ 22.2270, 18.2299,
8.6856

■ 31.9008, 31.8437,
29.5868

■ 20.6580, 15.8728,
5.7551


■ 35.2497, 36.3767,
37.3765


■ 19.3913, 13.8968,
3.6148


■ 38.9995, 41.3918,
46.2861


■ 18.4046, 12.2803,
2.1850

■ 43.1633, 46.9027,
56.3579


 17.6682, 10.9980,
1.3525

 47.7537, 52.9228,
67.6316

 17.4636, 10.6379,
1.1329

 52.7824, 59.4649,
80.1454

 58.2610, 66.5413,
93.9356

 63.5331, 73.8969,
105.5227

Harmonies

Analogous

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



27.9039, 24.1638, 22.1301



26.3496, 24.1638, 17.1852



23.9533, 24.1638, 14.8705

Triad

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



26.3496, 24.1638, 17.1852



18.5166, 24.1638, 23.6222



24.5464, 24.1638, 41.8843

Complementary

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



26.3496, 24.1638, 17.1852



24.2909, 28.1224, 41.6839

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.



22.0081, 24.1638, 42.4856



26.3496, 24.1638, 17.1852



18.6497, 24.1638, 30.9862

Square

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



26.3496, 24.1638, 17.1852



19.5090, 24.1638, 18.1039



19.8870, 24.1638, 38.2007



26.8112, 24.1638, 36.6835

Rectangle

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



26.3496, 24.1638, 17.1852



22.2557, 24.1638, 14.7831



19.8870, 24.1638, 38.2007



23.6933, 24.1638, 42.6622

Sweetspot

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



26.3502, 24.1649, 17.1857



60.3374, 61.3813, 60.4024



27.2411, 21.1991, 32.1191



12.9832, 13.1514, 12.7752



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



26.3502, 24.1649, 17.1857



43.9059, 38.6098, 23.8143



30.8319, 33.1283, 18.6796



7.7020, 7.8841, 7.9051



13.0567, 8.0106, 0.8580



0.3610, 0.2816, 0.0353

Inverse Universe

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



24.2909, 28.1224, 41.6839



39.6586, 46.7109, 74.1510



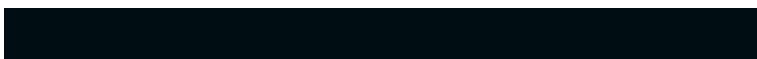
19.9937, 19.5280, 40.2515



7.5608, 8.1585, 9.5946



10.3840, 12.2283, 29.7885



0.2934, 0.3790, 0.7383

Previews

White Background



This preview shows how the XYZ color 26.3496, 24.1638, 17.1852 looks on a white background.

Color Contrast Check

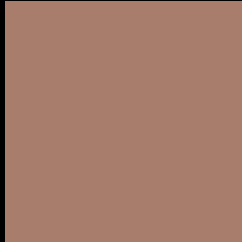
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.3496, 24.1638, 17.1852 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 26.3496, 24.1638, 17.1852

Background



This preview shows how black text looks on a background with the XYZ color 26.3496, 24.1638, 17.1852.



This preview shows how white text looks on a background with the XYZ color 26.3496, 24.1638,

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

26.3496, 24.1638, 17.1852

Protanopia

22.9163, 24.3374, 18.8190

Deuteranopia

24.6847, 24.2750, 17.0202



Tritanopia

27.8509, 24.2157, 24.6789

Trichromacy



Original Color

26.3496, 24.1638, 17.1852

Protanomaly

23.8797, 24.0338, 18.1322

Deuteranomaly

25.2210, 24.1603, 16.9698

Tritanomaly

27.1734, 24.1171, 21.6352

Monochromacy



Original Color

26.3496, 24.1638, 17.1852

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

24.1657, 24.2791, 22.8147

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.3496, 24.1638, 17.1852 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(169, 125, 107)` looks like.

```
.text, #text, p{  
    color:rgb(169, 125, 107)  
}
```

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(169, 125, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 125, 107) }
```

Border

The CSS property to change the border of an element to XYZ 26.3496, 24.1638, 17.1852 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(169, 125, 107) }
```


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

```
.border{ border-color:rgb(169, 125, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 125, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 125, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 125, 107);  
box-shadow:4px 4px 4px 4px rgb(169, 125,  
107) }
```

Background

The CSS property to change the background color of an element to XYZ 26.3496, 24.1638, 17.1852 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 125, 107) }
```

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

```
.background{ background-color: rgb(169,  
125, 107) }
```

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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