

Converting Colors

XYZ(26.9359, 24.0358, 20.1747)

Have a look what the booklet for
XYZ(26.9359, 24.0358, 20.1747)
contains.

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Color

**XYZ(26.8714, 23.9963,
20.0451)**

Conversions

Conversions Part 1

Format	Color
Hex	AA7B75
RGB	170, 123, 117
RGB Percent	67%, 48%, 46%
CMY	0.3333, 0.5176, 0.5412
CMYK	0.00, 0.28, 0.31, 0.33
HSL	7°, 24%, 56%
HSV	7°, 31%, 67%
XYZ	26.8714, 23.9963, 20.0451
YIQ	136.3690, 29.9380, 8.0980

Conversions

Conversions Part 2

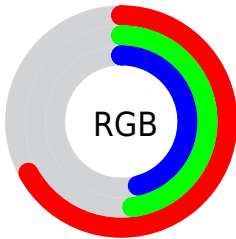
Format	Color
R_{YB}	170, 124, 117
Decimal	11172725
CIE Lab	56.08, 17.45, 10.51
CIE LCh	56, 20.373, 31.050
Yxy	23.9963, 0.3789, 0.3384
Android (android.graphics.Color)	4289362805 (0xFFAA7B75)
YUV	136.3690, -9.5489, 29.4944
Hunter-Lab	48.9860, 12.1911, 10.0287

Details

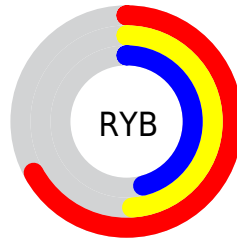
The XYZ color **26.8714, 23.9963, 20.0451** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **27.8669, 33.2340, 42.9764**, and the grayscale version is **23.5675, 24.7949, 27.0016**.

A 20% lighter version of the original color is **54.0508, 50.0840, 44.3545**, and **10.7254, 9.0402, 6.8099** is the 20% darker color. If you saturate the color by 10%, you get **24.2331, 20.1765, 14.6741**, and if you desaturate by 10%, it is **29.9805, 28.4669, 26.4691**.

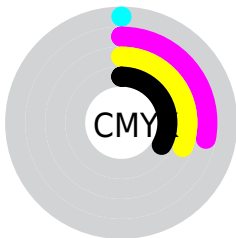
Distribution



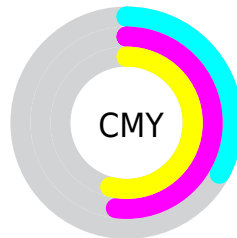
- Red (67%)
- Green (48%)
- Blue (46%)



- Red (67%)
- Yellow (49%)
- Blue (46%)



- Cyan (0%)
- Magenta (28%)
- Yellow (31%)
- Black (33%)





- Cyan (33%)
- Magenta (52%)
- Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.8714, 23.9963, 20.0451 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 26.8714, 23.9963, 20.0451 by changing the saturation by 10% instead.

 26.8714, 23.9963,
20.0451


 26.8714, 23.9963,
20.0451


279.2128,
272.8018, 264.7715


 17.6128, 15.3309,
12.2434


 54.0988, 50.0242,
44.3527

 10.7703, 9.0519,
6.7851


 72.7982, 68.1554,
61.6958

 5.9788, 4.7751,
3.2517


 95.3753, 90.2107,
83.0564

 2.8727, 2.1159,
1.2245

122.1954,
116.5744, 108.8531

 1.0868, 0.6735,
0.0000

153.6238,
147.6310, 139.5044

 0.0140, 0.0000,
0.0000

190.0260,

 0.0000, 0.0000,

183.7648, 175.4289

0.0000

231.7672,
225.3603, 217.0451

■ 26.8714, 23.9963,
20.0451

■ 26.8714, 23.9963,
20.0451

■ 24.2331, 20.1765,
14.6741

■ 29.9805, 28.4669,
26.4691

■ 22.0407, 16.9740,
10.2984

■ 33.5799, 33.6131,
33.9967

■ 20.2699, 14.3572,
6.8573

■ 37.6902, 39.4626,
42.6768

■ 18.8933, 12.2904,
4.2823

■ 42.3305, 46.0405,
52.5552

■ 17.8803, 10.7343,
2.4961

■ 47.5186, 53.3708,
63.6749

■ 17.1955, 9.6439,
1.4071

■ 53.2717, 61.4761,
76.0769

■ 16.8148, 9.0205,
0.8549

■ 59.6061, 70.3784,
89.8005

■ 66.5377, 80.0985,
104.8831

■ 70.3876, 87.2861,
107.7458

Harmonies

Analogous

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



27.5940, 23.9963, 25.8932



26.8714, 23.9963, 20.0451



25.0491, 23.9963, 16.4201

Triad

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



26.8714, 23.9963, 20.0451



19.1028, 23.9963, 20.3888



22.8901, 23.9963, 41.1954

Complementary

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



26.8714, 23.9963, 20.0451



27.8669, 33.2340, 42.9764

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.



20.7043, 23.9963, 39.0612



26.8714, 23.9963, 20.0451



18.6097, 23.9963, 26.3640

Square

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



26.8714, 23.9963, 20.0451



20.5711, 23.9963, 16.5935



19.1760, 23.9963, 33.3314



25.2010, 23.9963, 38.7542

Rectangle

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



26.8714, 23.9963, 20.0451



23.5129, 23.9963, 15.3797



19.1760, 23.9963, 33.3314



22.1169, 23.9963, 40.9867

Sweetspot

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



26.8720, 23.9974, 20.0456



62.3525, 63.0194, 64.6825



29.7033, 23.9746, 38.5165



13.6795, 13.7324, 13.9502



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.



26.8720, 23.9974, 20.0456



45.5521, 38.9074, 29.8294



30.5044, 31.2623, 21.2564



7.5970, 7.6741, 7.8701



12.3913, 6.6799, 0.6362



0.3218, 0.2031, 0.0222

Inverse Universe

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



27.8669, 33.2340, 42.9764



47.6222, 58.1845, 77.7227



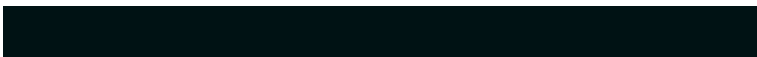
23.7093, 24.9189, 41.5905



7.6739, 8.3848, 9.6323



13.4734, 18.4071, 30.8183



0.3476, 0.4875, 0.7564

Previews

White Background



This preview shows how the XYZ color 26.8714, 23.9963, 20.0451 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 26.8714, 23.9963, 20.0451 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

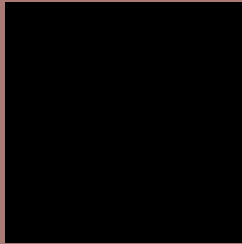
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 26.8714, 23.9963, 20.0451

Background



This preview shows how black text looks on a background with the XYZ color 26.8714, 23.9963, 20.0451.



This preview shows how white text looks on a background with the XYZ color 26.8714, 23.9963,

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

26.8714, 23.9963, 20.0451

Protanopia

22.9155, 24.0557, 22.1743

Deuteranopia

24.6526, 24.1948, 19.8937



Tritanopia

27.6612, 23.9444, 24.2829

Trichromacy



Original Color

26.8714, 23.9963, 20.0451

Protanomaly

24.1963, 23.9250, 21.4319

Deuteranomaly

25.2390, 23.9133, 19.8085

Tritanomaly

27.4558, 24.0577, 22.5986

Monochromacy



Original Color

26.8714, 23.9963, 20.0451

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

24.2915, 24.1135, 24.1429

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.8714, 23.9963, 20.0451 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(170, 123, 117)` looks like.

```
.text, #text, p{  
    color:rgb(170, 123, 117)  
}
```

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(170, 123, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 123, 117) }
```

Border

The CSS property to change the border of an element to XYZ 26.8714, 23.9963, 20.0451 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(170, 123, 117) }
```


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

```
.border{ border-color:rgb(170, 123, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 123, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 123, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 123, 117);  
box-shadow:4px 4px 4px 4px rgb(170, 123,  
117) }
```

Background

The CSS property to change the background color of an element to XYZ 26.8714, 23.9963, 20.0451 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 123, 117) }
```

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

```
.background{ background-color: rgb(170,  
123, 117) }
```

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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