

Converting Colors

XYZ(26.9769, 28.4308, 20.9884)

Have a look what the booklet for
XYZ(26.9769, 28.4308, 20.9884)
contains.

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Color

**XYZ(26.8944, 28.2988,
20.8743)**

Conversions

Conversions Part 1

Format	Color
Hex	9C9075
RGB	156, 144, 117
RGB Percent	61%, 56%, 46%
CMY	0.3882, 0.4353, 0.5412
CMYK	0.00, 0.08, 0.25, 0.39
HSL	42°, 16%, 54%
HSV	42°, 25%, 61%
XYZ	26.8944, 28.2988, 20.8743
YIQ	144.5100, 15.8190, -5.8530

Conversions

Conversions Part 2

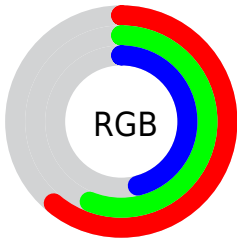
Format	Color
RYB	134, 156, 117
Decimal	10260597
CIELab	60.16, -0.01, 15.98
CIElCh	60, 15.984, 90.040
Yxy	28.2988, 0.3536, 0.3720
Android (android.graphics.Color)	4288450677 (0xFF9C9075)
YUV	144.5100, -13.5624, 10.0767
Hunter-Lab	53.1966, -2.8505, 13.9723

Details

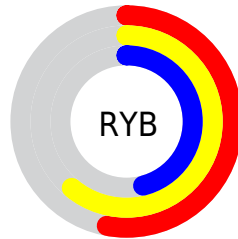
The XYZ color **26.8944, 28.2988, 20.8743** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **21.1869, 21.8820, 34.5595**, and the grayscale version is **26.7643, 28.1581, 30.6642**.

A 20% lighter version of the original color is **54.2195, 57.1016, 45.7002**, and **10.7858, 11.3781, 7.2580** is the 20% darker color. If you saturate the color by 10%, you get **25.3414, 26.5402, 16.2024**, and if you desaturate by 10%, it is **28.6327, 30.1829, 26.3629**.

Distribution



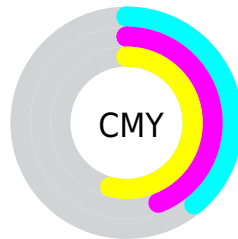
- Red (61%)
- Green (56%)
- Blue (46%)



- Red (53%)
- Yellow (61%)
- Blue (46%)



- Cyan (0%)
- Magenta (8%)
- Yellow (25%)
- Black (39%)



- Cyan (39%)
- Magenta (44%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.8944, 28.2988, 20.8743 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 26.8944, 28.2988, 20.8743 by changing the saturation by 10% instead.

■ 26.8944, 28.2988,
20.8743

■ 26.8944, 28.2988,
20.8743

279.3223,
293.8919, 269.3688

■ 17.6301, 18.5510,
12.8418

■ 54.1355, 56.9611,
45.7563

■ 10.7828, 11.3463,
7.1903

■ 72.8429, 76.6445,
63.4429

■ 5.9872, 6.3003,
3.5011

■ 95.4288, 100.4085,
85.1846

■ 2.8779, 3.0285,
1.3559

122.2585,
128.6375, 111.4000

■ 1.0895, 1.1466,
0.1069

153.6974,
161.7160, 142.5075

■ 0.0163, 0.0175,
0.0000

190.1107,

■ 0.0000, 0.0000,

200.0283, 178.9258

0.0000

231.8639,
243.9588, 221.0734

■ 26.8944, 28.2988,
20.8743

■ 26.8944, 28.2988,
20.8743

■ 25.3414, 26.5402,
16.2024

■ 28.6327, 30.1829,
26.3629

■ 23.9635, 24.8996,
12.3052

■ 30.5614, 32.1922,
32.7034

■ 22.7528, 23.3740,
9.1401

■ 32.6883, 34.3313,
39.9316

■ 21.7000, 21.9592,
6.6593

■ 35.0200, 36.6036,
48.0803

■ 20.7944, 20.6502,
4.8095

■ 37.5627, 39.0121,
57.1807

■ 20.0241, 19.4416,
3.5291

■ 40.3225, 41.5597,
67.2627

■ 19.3738, 18.3266,
2.7403

■ 43.3050, 44.2492,
78.3548

■ 19.0745, 17.7963,
2.4297

■ 46.5158, 47.0834,
90.4842

■ 49.5710, 49.9094,
101.6285

Harmonies

Analogous

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



28.9074, 28.2988, 22.0557



26.8944, 28.2988, 20.8743



24.9778, 28.2988, 22.0620

Triad

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



26.8944, 28.2988, 20.8743



23.6372, 28.2988, 36.7959



30.4468, 28.2988, 36.7805

Complementary

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



26.8944, 28.2988, 20.8743



21.1869, 21.8820, 34.5595

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.



28.9124, 28.2988, 41.6161



26.8944, 28.2988, 20.8743



24.9824, 28.2988, 41.6258

Square

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



26.8944, 28.2988, 20.8743



23.1563, 28.2988, 30.8205



26.8999, 28.2988, 43.4904



31.0206, 28.2988, 30.8047

Rectangle

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



26.8944, 28.2988, 20.8743



23.9966, 28.2988, 24.1360



26.8999, 28.2988, 43.4904



30.0225, 28.2988, 38.6192

Sweetspot

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



26.8951, 28.3001, 20.8749



54.7290, 57.6698, 56.8018



24.0575, 21.3851, 23.7511



12.0011, 12.6469, 12.3606



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



26.8951, 28.3001, 20.8749



47.2303, 49.5858, 32.9889



27.4665, 31.4368, 21.4502



6.9979, 7.3757, 7.0405



15.7432, 14.7219, 2.0119



0.3170, 0.3342, 0.0478

Inverse Universe

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



21.1869, 21.8820, 34.5595



35.0465, 35.8901, 62.2071



20.6962, 19.4195, 34.1100



6.4429, 6.7515, 8.3703



5.8407, 3.7729, 26.3276



0.1395, 0.1375, 0.4824

Previews

White Background



This preview shows how the XYZ color 26.8944, 28.2988, 20.8743 looks on a white background.

Color Contrast Check

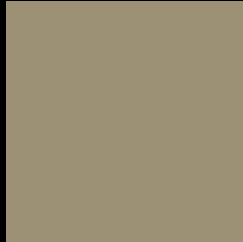
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.8944, 28.2988, 20.8743 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

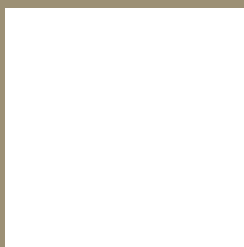
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.8944, 28.2988, 20.8743

Background



This preview shows how black text looks on a background with the XYZ color 26.8944, 28.2988, 20.8743.

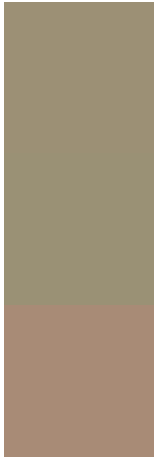


This preview shows how white text looks on a background with the XYZ color 26.8944, 28.2988,

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

26.8944, 28.2988, 20.8743

Protanopia

26.6627, 28.4052, 20.9071

Deuteranopia

28.6511, 28.0981, 21.0529



Tritanopia

29.2348, 28.1408, 32.7450

Trichromacy



Original Color

26.8944, 28.2988, 20.8743

Protanomaly

26.8539, 28.5037, 20.9160

Deuteranomaly

28.1047, 28.2503, 21.1111

Tritanomaly

28.4104, 28.2557, 28.0013

Monochromacy



Original Color

26.8944, 28.2988, 20.8743

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

26.8930, 28.3896, 26.9840

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.8944, 28.2988, 20.8743 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(156, 144, 117)` looks like.

```
.text, #text, p{  
    color:rgb(156, 144, 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(156, 144, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 144, 117) }
```

Border

The CSS property to change the border of an element to XYZ 26.8944, 28.2988, 20.8743 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(156, 144, 117) }
```


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

```
.border{ border-color:rgb(156, 144, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 144, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 144, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 144, 117);  
box-shadow:4px 4px 4px 4px rgb(156, 144,  
117) }
```

Background

The CSS property to change the background color of an element to XYZ 26.8944, 28.2988, 20.8743 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 144, 117) }
```

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

```
.background{ background-color: rgb(156,  
144, 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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