

Converting Colors

XYZ(26.7096, 30.8721, 21.0260)

Have a look what the booklet for
XYZ(26.7096, 30.8721, 21.0260)
contains.

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Color

**XYZ(26.7278, 30.8146,
21.0621)**

Conversions

Conversions Part 1

Format	Color
Hex	929B74
RGB	146, 155, 116
RGB Percent	57%, 61%, 45%
CMY	0.4274, 0.3921, 0.5451
CMYK	0.06, 0.00, 0.25, 0.39
HSL	74°, 16%, 53%
HSV	74°, 25%, 61%
XYZ	26.7278, 30.8146, 21.0621
YIQ	147.8630, 7.1550, -14.0370

Conversions

Conversions Part 2

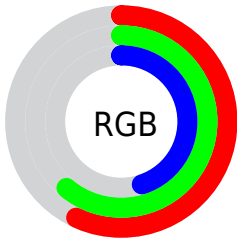
Format	Color
RYB	116, 155, 125
Decimal	9608052
CIELab	62.35, -10.14, 19.42
CIELCh	62, 21.910, 117.578
Yxy	30.8146, 0.3400, 0.3920
Android (android.graphics.Color)	4287798132 (0xFF929B74)
YUV	147.8630, -15.7085, -1.6339
Hunter-Lab	55.5109, -11.1986, 16.3617

Details

The XYZ color **26.7278, 30.8146, 21.0621** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **20.6204, 19.2181, 33.6346**, and the grayscale version is **28.1532, 29.6193, 32.2554**.

A 20% lighter version of the original color is **53.6878, 60.7074, 45.9338**, and **10.7130, 12.7509, 7.3654** is the 20% darker color. If you saturate the color by 10%, you get **25.2745, 30.1620, 16.6739**, and if you desaturate by 10%, it is **28.3531, 31.5404, 26.2450**.

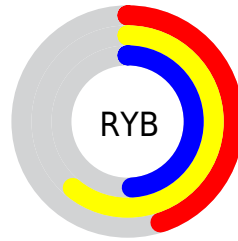
Distribution



Red (57%)

Green (61%)

Blue (45%)



Red (45%)

Yellow (61%)

Blue (49%)

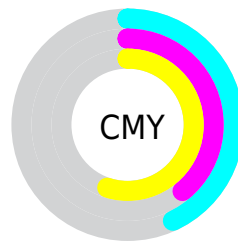


Cyan (6%)

Magenta (0%)

Yellow (25%)

Black (39%)



Cyan (43%)

Magenta (39%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.7278, 30.8146, 21.0621 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 26.7278, 30.8146, 21.0621 by changing the saturation by 10% instead.

■ 26.7278, 30.8146,
21.0621

■ 26.7278, 30.8146,
21.0621

278.5284,
305.6833, 270.4002

■ 17.5044, 20.4577,
12.9777

■ 53.8697, 60.9481,
46.0730

■ 10.6923, 12.7282,
7.2827

■ 72.5190, 81.4934,
63.8366

■ 5.9261, 7.2416,
3.5584

■ 95.0410, 106.2037,
85.6637

■ 2.8404, 3.6137,
1.3863

121.8010,
135.4634, 111.9728

■ 1.0699, 1.4599,
0.1310

153.1644,
169.6568, 143.1824

■ 0.0000, 0.2602,
0.0000

189.4965,

■ 0.0000, 0.0000,

209.1683, 179.7112

0.0000

231.1627,
254.3823, 221.9776

■ 26.7278, 30.8146,
21.0621

■ 26.7278, 30.8146,
21.0621

■ 25.2745, 30.1620,
16.6739

■ 28.3531, 31.5404,
26.2450

■ 23.9832, 29.5754,
13.0390

■ 30.1551, 32.3381,
32.2572

■ 22.8464, 29.0529,
10.1156

■ 32.1412, 33.2119,
39.1336

■ 21.8549, 28.5907,
7.8567

■ 34.3179, 34.1643,
46.9066

■ 20.9986, 28.1849,
6.2097

■ 36.6912, 35.1976,
55.6069

■ 20.2659, 27.8306,
5.1143

■ 39.2666, 36.3142,
65.2637

■ 19.6418, 27.5220,
4.4924

■ 42.0498, 37.5163,
75.9050

■ 19.3604, 27.3817,
4.2648

■ 45.0459, 38.8061,
87.5576

■ 48.1787, 40.1529,
99.8187

Harmonies

Analogous

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



29.5299, 30.8146, 19.7415



26.7278, 30.8146, 21.0621



24.7353, 30.8146, 25.5382

Triad

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



26.7278, 30.8146, 21.0621



26.3372, 30.8146, 49.3052



35.3607, 30.8146, 34.2464

Complementary

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



26.7278, 30.8146, 21.0621



20.6204, 19.2181, 33.6346

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.



34.3684, 30.8146, 43.0877



26.7278, 30.8146, 21.0621



29.0482, 30.8146, 52.6483

Square

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



26.7278, 30.8146, 21.0621



24.5207, 30.8146, 41.6915



32.0074, 30.8146, 50.2022



34.6371, 30.8146, 26.5472

Rectangle

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



26.7278, 30.8146, 21.0621



24.0667, 30.8146, 30.1613



32.0074, 30.8146, 50.2022



35.2154, 30.8146, 37.1874

Sweetspot

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



26.7286, 30.8160, 21.0628



53.0015, 57.4694, 54.3832



23.9352, 22.7588, 19.6548



11.8908, 12.9611, 11.9545



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.



26.7286, 30.8160, 21.0628



46.4165, 54.5348, 33.2850



23.6346, 29.2209, 20.9180



6.5694, 7.1510, 6.6399



15.5838, 22.0096, 3.4269



0.2635, 0.3448, 0.0527

Inverse Universe

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



20.6204, 19.2181, 33.6346



33.6337, 30.2576, 59.6039



23.6557, 20.7829, 33.7767



6.0113, 6.0917, 7.7880



5.3595, 2.2139, 25.0526



0.1079, 0.0474, 0.3758

Previews

White Background



This preview shows how the XYZ color 26.7278, 30.8146, 21.0621 looks on a white background.

Color Contrast Check

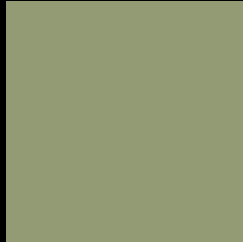
Large Text (above 18pt) WCAG AA × Fail

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 26.7278, 30.8146, 21.0621 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 ✓ Pass

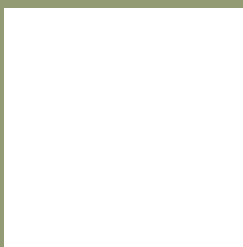
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.7278, 30.8146, 21.0621

Background



This preview shows how black text looks on a background with the XYZ color 26.7278, 30.8146, 21.0621.



This preview shows how white text looks on a background with the XYZ color 26.7278, 30.8146,

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

26.7278, 30.8146, 21.0621

Protanopia

28.6416, 30.6047, 20.3173

Deuteranopia

31.2999, 30.7889, 21.4327



Tritanopia

30.1294, 30.7435, 38.0643

Trichromacy



Original Color

26.7278, 30.8146, 21.0621

Protanomaly

28.0330, 30.7622, 20.6799

Deuteranomaly

29.4754, 30.7786, 21.2170

Tritanomaly

28.7551, 30.6616, 31.1908

Monochromacy



Original Color

26.7278, 30.8146, 21.0621

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

27.5432, 30.1138, 27.6534

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.7278, 30.8146, 21.0621 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(146, 155, 116)` looks like.

```
.text, #text, p{  
    color:rgb(146, 155, 116)  
}
```

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(146, 155, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 155, 116) }
```

Border

The CSS property to change the border of an element to XYZ 26.7278, 30.8146, 21.0621 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(146, 155, 116) }
```


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

```
.border{ border-color:rgb(146, 155, 116) }
```

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

Here you see how a box with a 4 pixel rgb(146, 155, 116) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 155, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 155, 116);  
box-shadow:4px 4px 4px 4px rgb(146, 155,  
116) }
```

Background

The CSS property to change the background color of an element to XYZ 26.7278, 30.8146, 21.0621 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 155, 116) }
```

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

```
.background{ background-color: rgb(146,  
155, 116) }
```

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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