

Converting Colors

XYZ(28.6486, 30.6864, 27.7025)

Have a look what the booklet for
XYZ(28.6486, 30.6864, 27.7025)
contains.

XYZ(28.6474, 30.6831, 27.7051)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(28.6474, 30.6831,
27.7051)**

Conversions

Conversions Part 1

Format	Color
Hex	999788
RGB	153, 151, 136
RGB Percent	60%, 59%, 53%
CMY	0.4000, 0.4078, 0.4667
CMYK	0.00, 0.01, 0.11, 0.40
HSL	53°, 8%, 57%
HSV	53°, 11%, 60%
XYZ	28.6474, 30.6831, 27.7051
YIQ	149.8880, 6.0070, -4.2410

Conversions

Conversions Part 2

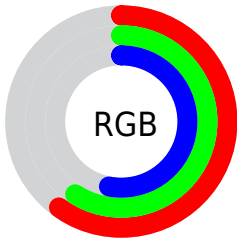
Format	Color
RYB	138, 153, 136
Decimal	10065800
CIELab	62.24, -2.00, 8.16
CIELCh	62, 8.402, 103.776
Yxy	30.6831, 0.3291, 0.3525
Android (android.graphics.Color)	4288255880 (0xFF999788)
YUV	149.8880, -6.8468, 2.7292
Hunter-Lab	55.3923, -4.6212, 9.1201

Details

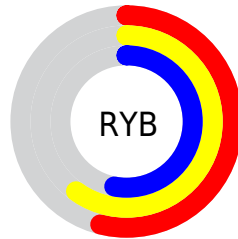
The XYZ color **28.6474, 30.6831, 27.7051** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **24.9915, 25.7106, 33.7827**, and the grayscale version is **28.9689, 30.4776, 33.1901**.

A 20% lighter version of the original color is **56.7488, 60.6022, 56.8505**, and **11.7164, 12.6110, 10.6207** is the 20% darker color. If you saturate the color by 10%, you get **27.3501, 29.7059, 22.2855**, and if you desaturate by 10%, it is **30.1061, 31.7339, 33.9451**.

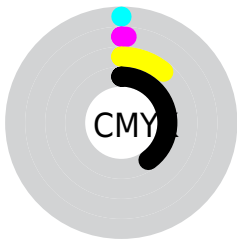
Distribution



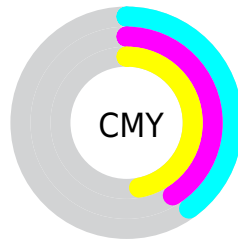
- Red (60%)
- Green (59%)
- Blue (53%)



- Red (54%)
- Yellow (60%)
- Blue (53%)



- Cyan (0%)
- Magenta (1%)
- Yellow (11%)
- Black (40%)



- Cyan (40%)
- Magenta (41%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.6474, 30.6831, 27.7051 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 28.6474, 30.6831, 27.7051 by changing the saturation by 10% instead.

■ 28.6474, 30.6831,
27.7051

■ 28.6474, 30.6831,
27.7051

287.5719,
305.0757, 304.9226

■ 18.9572, 20.3577,
17.8664

■ 56.9178, 60.7408,
57.0307

■ 11.7432, 12.6553,
10.6856

■ 76.2288, 81.2418,
77.3546

■ 6.6400, 7.1916,
5.7444

■ 99.4774, 105.9035,
102.0108

■ 3.2823, 3.5822,
2.6240

127.0289,
135.1103, 131.4176

■ 1.3048, 1.4427,
0.9048

159.2488,
169.2465, 165.9936

■ 0.1868, 0.2479,
0.0000

196.5023,

■ 0.0000, 0.0000,

208.6965, 206.1574

0.0000

239.1549,
253.8448, 252.3276

■ 28.6474, 30.6831,
27.7051

■ 28.6474, 30.6831,
27.7051

■ 27.3501, 29.7059,
22.2855

■ 30.1061, 31.7339,
33.9451

■ 26.2050, 28.7957,
17.6499

■ 31.7298, 32.8568,
41.0359

■ 25.2060, 27.9508,
13.7620

■ 33.5252, 34.0554,
49.0089

■ 24.3455, 27.1684,
10.5818

■ 35.4978, 35.3321,
57.8933

■ 23.6152, 26.4449,
8.0658

■ 37.6530, 36.6891,
67.7167

■ 23.0059, 25.7767,
6.1656

■ 39.9957, 38.1282,
78.5059

■ 22.5070, 25.1596,
4.8260

■ 42.5310, 39.6516,
90.2864

■ 22.1063, 24.5886,
3.9823

■ 44.7108, 41.0401,
100.1728

■ 21.8051, 24.1087,
3.5042

■ 45.0382, 41.6949,
100.2819

Harmonies

Analogous

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



29.7766, 30.6831, 27.7661



28.6474, 30.6831, 27.7051



27.6812, 30.6831, 29.1009

Triad

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



28.6474, 30.6831, 27.7051



27.6176, 30.6831, 37.9163



31.3067, 30.6831, 35.1833

Complementary

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



28.6474, 30.6831, 27.7051



24.9915, 25.7106, 33.7827

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.



30.6975, 30.6831, 38.1219



28.6474, 30.6831, 27.7051



28.5586, 30.6831, 39.7682

Square

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



28.6474, 30.6831, 27.7051



27.0972, 30.6831, 34.9173



29.6855, 30.6831, 39.8458



31.3320, 30.6831, 31.9441

Rectangle

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



28.6474, 30.6831, 27.7051



27.2514, 30.6831, 30.7254



29.6855, 30.6831, 39.8458



31.1627, 30.6831, 36.2438

Sweetspot

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



28.6482, 30.6844, 27.7058



53.3845, 56.4550, 58.4961



26.5482, 26.2238, 27.8090



11.7422, 12.4333, 12.7203



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



28.6482, 30.6844, 27.7058



50.7827, 54.5653, 47.4126



27.8263, 30.7418, 27.7602



6.6470, 7.0990, 6.6258



18.0371, 19.9567, 2.9014



0.2849, 0.3289, 0.0485

Inverse Universe

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



24.9915, 25.7106, 33.7827



43.0813, 44.0901, 60.2116



25.7497, 25.6801, 33.7368



5.9400, 6.1374, 7.8005



4.9445, 2.2856, 25.0883



0.0873, 0.0609, 0.3795

Previews

White Background



This preview shows how the XYZ color 28.6474, 30.6831, 27.7051 looks on a white background.

Color Contrast Check

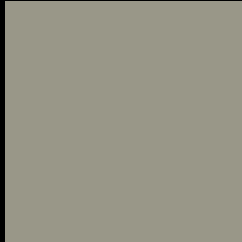
Large Text (above 18pt) WCAG AA × Fail

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 28.6474, 30.6831, 27.7051 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

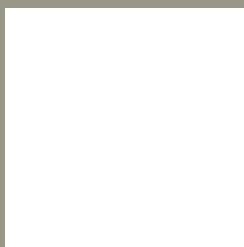
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 28.6474, 30.6831, 27.7051

Background



This preview shows how black text looks on a background with the XYZ color 28.6474, 30.6831, 27.7051.



This preview shows how white text looks on a background with the XYZ color 28.6474, 30.6831,

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

28.6474, 30.6831, 27.7051

Protanopia

29.1841, 30.7301, 27.3150

Deuteranopia

31.2183, 30.6030, 27.9285



Tritanopia

30.5582, 30.7509, 37.1258

Trichromacy



Original Color

28.6474, 30.6831, 27.7051

Protanomaly

28.9898, 30.6299, 27.3059

Deuteranomaly

30.2589, 30.5661, 27.9719

Tritanomaly

29.8509, 30.6978, 33.6301

Monochromacy



Original Color

28.6474, 30.6831, 27.7051

Achromatopsia

28.9890, 30.4987, 33.2131

Achromatomaly

28.7797, 30.4363, 31.1460

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.6474, 30.6831, 27.7051 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(153, 151, 136)` looks like.

```
.text, #text, p{  
    color:rgb(153, 151, 136)  
}
```

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(153, 151, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 151, 136) }
```

Border

The CSS property to change the border of an element to XYZ 28.6474, 30.6831, 27.7051 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(153, 151, 136) }
```


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

```
.border{ border-color:rgb(153, 151, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 151, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 151, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 151, 136);  
box-shadow:4px 4px 4px 4px rgb(153, 151,  
136) }
```

Background

The CSS property to change the background color of an element to XYZ 28.6474, 30.6831, 27.7051 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 151, 136) }
```

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

```
.background{ background-color: rgb(153,  
151, 136) }
```

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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