

Converting Colors

XYZ(28.7153, 30.5994, 30.8369)

Have a look what the booklet for
XYZ(28.7153, 30.5994, 30.8369)
contains.

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Color

**XYZ(28.6783, 30.6309,
30.7864)**

Conversions

Conversions Part 1

Format	Color
Hex	969790
RGB	150, 151, 144
RGB Percent	59%, 59%, 56%
CMY	0.4118, 0.4078, 0.4353
CMYK	0.01, 0.00, 0.05, 0.41
HSL	69°, 3%, 58%
HSV	69°, 5%, 59%
XYZ	28.6783, 30.6309, 30.7864
YIQ	149.9030, 1.6510, -2.3890

Conversions

Conversions Part 2

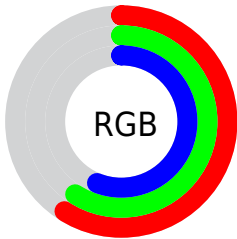
Format	Color
RYB	144, 151, 145
Decimal	9869200
CIELab	62.19, -1.69, 3.55
CIELCh	62, 3.931, 115.446
Yxy	30.6309, 0.3183, 0.3400
Android (android.graphics.Color)	4288059280 (0xFF969790)
YUV	149.9030, -2.9102, 0.0851
Hunter-Lab	55.3452, -4.3605, 5.7609

Details

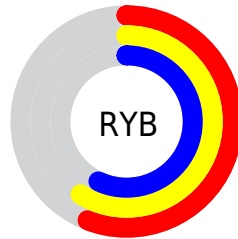
The XYZ color **28.6783, 30.6309, 30.7864** is a light color, and the websafe version is hex **999999**. A complement of this color would be **27.2375, 28.2015, 33.2877**, and the grayscale version is **28.9605, 30.4687, 33.1804**.

A 20% lighter version of the original color is **56.9262, 60.5772, 62.1183**, and **11.7231, 12.5751, 12.3990** is the 20% darker color. If you saturate the color by 10%, you get **27.2064, 29.9975, 25.0905**, and if you desaturate by 10%, it is **30.3137, 31.3325, 37.2972**.

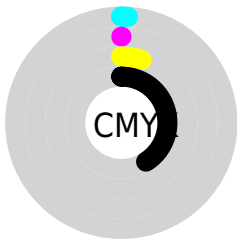
Distribution



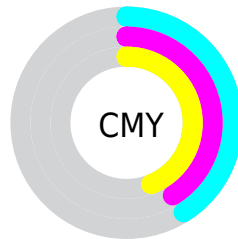
- Red (59%)
- Green (59%)
- Blue (56%)



- Red (56%)
- Yellow (59%)
- Blue (57%)



- Cyan (1%)
- Magenta (0%)
- Yellow (5%)
- Black (41%)



- Cyan (41%)
- Magenta (41%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.6783, 30.6309, 30.7864 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 28.6783, 30.6309, 30.7864 by changing the saturation by 10% instead.

■ 28.6783, 30.6309,
30.7864

■ 28.6783, 30.6309,
30.7864

287.7157,
304.8343, 319.8737

■ 18.9807, 20.3180,
20.1792

■ 56.9667, 60.6585,
61.9793

■ 11.7602, 12.6264,
12.3400

■ 76.2881, 81.1419,
83.4019

■ 6.6517, 7.1718,
6.8503

99.5482, 105.7843,
109.2669

■ 3.2896, 3.5698,
3.2916

127.1123,
134.9700, 139.9925

■ 1.3087, 1.4359,
1.2454

159.3457,
169.0835, 175.9975

■ 0.1897, 0.2430,
0.0164

196.6139,

■ 0.0000, 0.0000,

208.5091, 217.7003

0.0000

239.2821,
253.6312, 265.5196

■ 28.6783, 30.6309,
30.7864

■ 28.6783, 30.6309,
30.7864

■ 27.2064, 29.9975,
25.0905

■ 30.3137, 31.3325,
37.2972

■ 25.8892, 29.4259,
20.1753

■ 32.1159, 32.1006,
44.6510

■ 24.7212, 28.9148,
16.0075

■ 34.0910, 32.9388,
52.8774

■ 23.6953, 28.4614,
12.5502

■ 36.2445, 33.8492,
62.0036

■ 22.8039, 28.0626,
9.7638

■ 38.5812, 34.8338,
72.0558

■ 22.0386, 27.7152,
7.6045

■ 41.1061, 35.8944,
83.0590

■ 21.3903, 27.4152,
6.0233

■ 43.8236, 37.0331,
95.0376

■ 20.8481, 27.1586,
4.9644

■ 45.1191, 37.6038,
99.4880

■ 20.3987, 26.9399,
4.3573

■ 45.5812, 37.8420,
99.5096

Harmonies

Analogous

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



29.1947, 30.6309, 30.5276



28.6783, 30.6309, 30.7864



28.2829, 30.6309, 31.7245

Triad

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



28.6783, 30.6309, 30.7864



28.5398, 30.6309, 35.8125



30.1410, 30.6309, 33.5840

Complementary

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



28.6783, 30.6309, 30.7864



27.2375, 28.2015, 33.2877

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.



29.9607, 30.6309, 35.0339



28.6783, 30.6309, 30.7864



29.0329, 30.6309, 36.3451

Square

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



28.6783, 30.6309, 30.7864



28.2036, 30.6309, 34.6210



29.5536, 30.6309, 36.0560



30.0433, 30.6309, 32.1141

Rectangle

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



28.6783, 30.6309, 30.7864



28.1389, 30.6309, 32.6241



29.5536, 30.6309, 36.0560



30.1108, 30.6309, 34.0903

Sweetspot

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



28.6792, 30.6322, 30.7871



52.3829, 55.2953, 59.1790



27.9128, 28.8242, 30.4785



11.9100, 12.5697, 13.4668



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.



28.6792, 30.6322, 30.7871



50.9489, 54.6797, 53.5297



28.0568, 30.3114, 30.7579



6.7203, 7.2204, 7.0251



17.1818, 22.8334, 3.5017



0.2777, 0.3521, 0.0533

Inverse Universe

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



27.2375, 28.2015, 33.2877



47.5748, 48.9907, 59.3824



27.8515, 28.5180, 33.3164



6.2504, 6.4281, 7.8403



5.0425, 2.0506, 25.0377



0.0939, 0.0402, 0.3752

Previews

White Background



This preview shows how the XYZ color 28.6783, 30.6309, 30.7864 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 28.6783, 30.6309, 30.7864 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

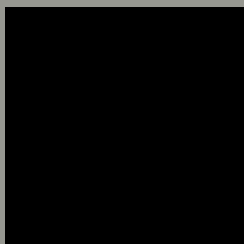
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 28.6783, 30.6309, 30.7864

Background



This preview shows how black text looks on a background with the XYZ color 28.6783, 30.6309, 30.7864.



This preview shows how white text looks on a background with the XYZ color 28.6783, 30.6309,

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

28.6783, 30.6309, 30.7864

Protanopia

29.3818, 30.7644, 30.3761

Deuteranopia

31.1726, 30.5106, 31.0342



Tritanopia

30.0415, 30.7084, 37.6017

Trichromacy



Original Color

28.6783, 30.6309, 30.7864

Protanomaly

29.0011, 30.5682, 30.3583

Deuteranomaly

30.2425, 30.4888, 31.0790

Tritanomaly

29.5016, 30.7251, 34.9475

Monochromacy



Original Color

28.6783, 30.6309, 30.7864

Achromatopsia

28.9890, 30.4987, 33.2131

Achromatomaly

28.8293, 30.4348, 32.3720

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.6783, 30.6309, 30.7864 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(150, 151, 144)` looks like.

```
.text, #text, p{  
    color:rgb(150, 151, 144)  
}
```

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(150, 151, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 151, 144) }
```

Border

The CSS property to change the border of an element to XYZ 28.6783, 30.6309, 30.7864 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(150, 151, 144) }
```


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

```
.border{ border-color:rgb(150, 151, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 151, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 151, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 151, 144);  
box-shadow:4px 4px 4px 4px rgb(150, 151,  
144) }
```

Background

The CSS property to change the background color of an element to XYZ 28.6783, 30.6309, 30.7864 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 151, 144) }
```

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

```
.background{ background-color: rgb(150,  
151, 144) }
```

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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