

Converting Colors

XYZ(27.7371, 28.7484, 30.4727)

Have a look what the booklet for
XYZ(27.7371, 28.7484, 30.4727)
contains.

XYZ(27.7371, 28.7484, 30.4727)	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(27.7371, 28.7484,
30.4727)**

Conversions

Conversions Part 1

Format	Color
Hex	969190
RGB	150, 145, 144
RGB Percent	59%, 57%, 56%
CMY	0.4118, 0.4314, 0.4353
CMYK	0.00, 0.03, 0.04, 0.41
HSL	10°, 3%, 58%
HSV	10°, 4%, 59%
XYZ	27.7371, 28.7484, 30.4727
YIQ	146.3810, 3.3010, 0.7490

Conversions

Conversions Part 2

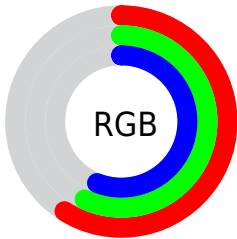
Format	Color
R _Y B	150, 145, 144
Decimal	9867664
CIE Lab	60.56, 1.65, 1.18
CIE LCh	61, 2.029, 35.441
Yxy	28.7484, 0.3190, 0.3306
Android (android.graphics.Color)	4288057744 (0xFF969190)
YUV	146.3810, -1.1738, 3.1739
Hunter-Lab	53.6175, -1.4901, 3.8357

Details

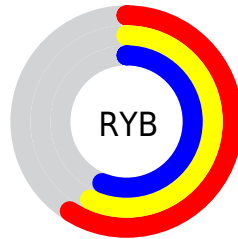
The XYZ color **27.7371, 28.7484, 30.4727** is a light color, and the websafe version is hex **999999**. A complement of this color would be **27.7541, 29.6259, 33.1101**, and the grayscale version is **27.4823, 28.9136, 31.4869**.

A 20% lighter version of the original color is **55.5183, 57.7614, 61.6490**, and **11.2582, 11.6452, 12.2441** is the 20% darker color. If you saturate the color by 10%, you get **24.8609, 24.7102, 24.2285**, and if you desaturate by 10%, it is **30.9773, 33.2700, 37.5905**.

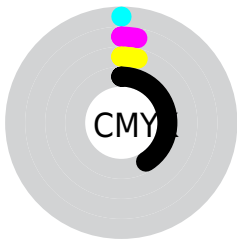
Distribution



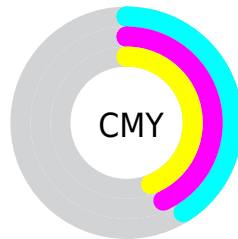
- Red (59%)
- Green (57%)
- Blue (56%)



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



- Cyan (0%)
- Magenta (3%)
- Yellow (4%)
- Black (41%)



- Cyan (41%)
- Magenta (43%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.7371, 28.7484, 30.4727 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 27.7371, 28.7484, 30.4727 by changing the saturation by 10% instead.

■ 27.7371, 28.7484,
30.4727

■ 27.7371, 28.7484,
30.4727

283.3115,
296.0260, 318.3773

■ 18.2670, 18.8906,
19.9426

■ 55.4760, 57.6771,
61.4787

■ 11.2427, 11.5912,
12.1696

■ 74.4756, 77.5168,
82.7917

■ 6.2988, 6.4660,
6.7354

97.3823, 101.4525,
108.5361

■ 3.0700, 3.1304,
3.2212

124.5616,
129.8687, 139.1303

■ 1.1909, 1.2002,
1.2087

156.3788,
163.1497, 174.9931

■ 0.0992, 0.0619,
0.0000

193.1993,

■ 0.0000, 0.0000,

201.6800, 216.5428

0.0000

235.3884,
245.8440, 264.1980

■ 27.7371, 28.7484,
30.4727

■ 27.7371, 28.7484,
30.4727

■ 24.8609, 24.7102,
24.2285

■ 30.9773, 33.2700,
37.5905

■ 22.3335, 21.1357,
18.8224

■ 34.5911, 38.2865,
45.6120

■ 20.1422, 18.0094,
14.2192

■ 38.5909, 43.8135,
54.5678

■ 18.2728, 15.3136,
10.3804

■ 42.9877, 49.8649,
64.4869

■ 16.7097, 13.0291,
7.2645

■ 47.7920, 56.4542,
75.3968

■ 15.4363, 11.1357,
4.8259

■ 53.0141, 63.5942,
87.3239

■ 14.4343, 9.6111,
3.0139

■ 58.6638, 71.2973,
100.2938

■ 13.6831, 8.4308,
1.7703

■ 63.2669, 78.9822,
106.5183

■ 13.1588, 7.5671,
1.0255

■ 66.3878, 85.2241,
107.5586

Harmonies

Analogous

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



27.8292, 28.7484, 31.1655



27.7371, 28.7484, 30.4727



27.5345, 28.7484, 30.0078

Triad

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



27.7371, 28.7484, 30.4727



26.8687, 28.7484, 30.7061



27.3723, 28.7484, 32.7609

Complementary

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



27.7371, 28.7484, 30.4727



27.7541, 29.6259, 33.1101

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.



27.1156, 28.7484, 32.6332



27.7371, 28.7484, 30.4727



26.8259, 28.7484, 31.4392

Square

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



27.7371, 28.7484, 30.4727



27.0333, 28.7484, 30.1410



26.9160, 28.7484, 32.1465



27.6177, 28.7484, 32.4927

Rectangle

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



27.7371, 28.7484, 30.4727



27.3646, 28.7484, 29.8854



26.9160, 28.7484, 32.1465



27.2845, 28.7484, 32.7629

Sweetspot

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



27.7379, 28.7496, 30.4733



50.5864, 53.0235, 57.3574



27.9762, 28.6009, 32.4802



11.2186, 11.7619, 12.7287



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



27.7379, 28.7496, 30.4733



48.3619, 49.9119, 52.4929



28.2020, 29.6779, 30.6280



6.1165, 6.3021, 6.6081



10.7382, 5.9907, 0.5904



0.1462, 0.1028, 0.0121

Inverse Universe

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



27.7541, 29.6259, 33.1101



48.3981, 51.8689, 58.3821



27.2859, 28.6895, 32.9540



6.1214, 6.5704, 7.4153



10.6617, 14.0182, 26.0749



0.1481, 0.2068, 0.3250

Previews

White Background



This preview shows how the XYZ color 27.7371, 28.7484, 30.4727 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 27.7371, 28.7484, 30.4727 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

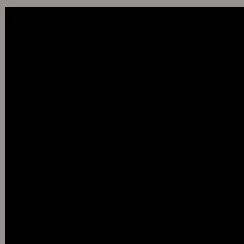
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

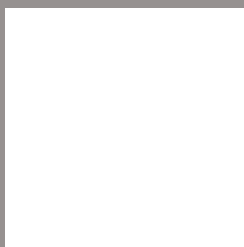
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 27.7371, 28.7484, 30.4727

Background



This preview shows how black text looks on a background with the XYZ color 27.7371, 28.7484, 30.4727.



This preview shows how white text looks on a background with the XYZ color 27.7371, 28.7484,

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

27.7371, 28.7484, 30.4727

Protanopia

27.5539, 28.6540, 30.4641

Deuteranopia

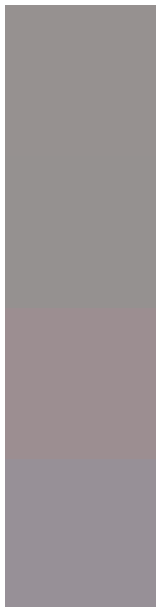
29.1329, 28.5677, 30.7667



Tritanopia

28.6877, 28.6869, 35.0355

Trichromacy



Original Color

27.7371, 28.7484, 30.4727

Protanomaly

27.5539, 28.6540, 30.4641

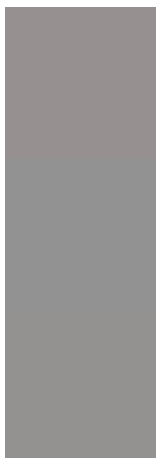
Deuteranomaly

28.4941, 28.4583, 30.7793

Tritanomaly

28.3217, 28.7602, 33.3367

Monochromacy



Original Color

27.7371, 28.7484, 30.4727

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

27.4223, 28.8051, 30.9027

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.7371, 28.7484, 30.4727 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, 145, 144)` looks like.

```
.text, #text, p{  
    color:rgb(150, 145, 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, 145, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 145, 144) }
```

Border

The CSS property to change the border of an element to XYZ 27.7371, 28.7484, 30.4727 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, 145, 144) }
```


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

```
.border{ border-color:rgb(150, 145, 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, 145, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 145, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 145, 144);  
box-shadow:4px 4px 4px 4px rgb(150, 145,  
144) }
```

Background

The CSS property to change the background color of an element to XYZ 27.7371, 28.7484, 30.4727 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 145, 144) }
```

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

```
.background{ background-color: rgb(150,  
145, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor