

Converting Colors

XYZ(27.6748, 29.2996, 31.6254)

Have a look what the booklet for
XYZ(27.6748, 29.2996, 31.6254)
contains.

XYZ(27.7104, 29.3974, 31.8175)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

**XYZ(27.7104, 29.3974,
31.8175)**

Conversions

Conversions Part 1

Format	Color
Hex	929493
RGB	146, 148, 147
RGB Percent	57%, 58%, 58%
CMY	0.4274, 0.4196, 0.4235
CMYK	0.01, 0.00, 0.01, 0.42
HSL	150°, 1%, 58%
HSV	150°, 1%, 58%
XYZ	27.7104, 29.3974, 31.8175
YIQ	147.2880, -0.8710, -0.7350

Conversions

Conversions Part 2

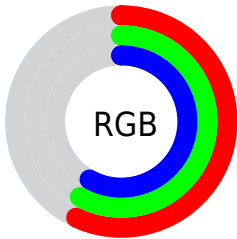
Format	Color
RYB	146, 147, 148
Decimal	9606291
CIELab	61.13, -0.92, 0.27
CIElCh	61, 0.956, 163.883
Yxy	29.3974, 0.3116, 0.3306
Android (android.graphics.Color)	4287796371 (0xFF929493)
YUV	147.2880, -0.1420, -1.1296
Hunter-Lab	54.2194, -3.6562, 3.1605

Details

The XYZ color **27.7104, 29.3974, 31.8175** is a light color, and the websafe version is hex **999999**. A complement of this color would be **27.7592, 28.9610, 31.7322**, and the grayscale version is **27.8539, 29.3044, 31.9125**.

A 20% lighter version of the original color is **55.4826, 58.7375, 63.6716**, and **11.2562, 11.8993, 13.0128** is the 20% darker color. If you saturate the color by 10%, you get **24.6852, 27.9037, 28.7382**, and if you desaturate by 10%, it is **31.1154, 31.0842, 35.1114**.

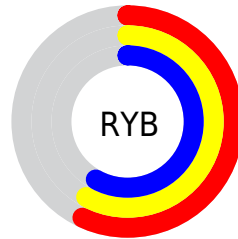
Distribution



Red (57%)

Green (58%)

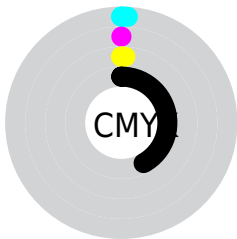
Blue (58%)



Red (57%)

Yellow (58%)

Blue (58%)

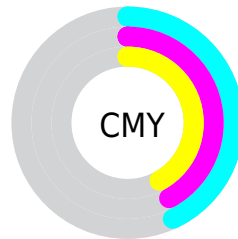


Cyan (1%)

Magenta (0%)

Yellow (1%)

Black (42%)



Cyan (43%)

Magenta (42%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.7104, 29.3974, 31.8175 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 27.7104, 29.3974, 31.8175 by changing the saturation by 10% instead.

■ 27.7104, 29.3974,
31.8175

■ 27.7104, 29.3974,
31.8175

283.1857,
299.0854, 324.7541

■ 18.2468, 19.3817,
20.9585

■ 55.4336, 58.7079,
63.6195

■ 11.2281, 11.9464,
12.9027

■ 74.4240, 78.7714,
85.3995

■ 6.2889, 6.7072,
7.2316

97.3206, 102.9530,
111.6569

■ 3.0638, 3.2797,
3.5268

124.4889,
131.6370, 142.8103

■ 1.1876, 1.2794,
1.3695

156.2942,
165.2079, 179.2782

■ 0.0966, 0.1252,
0.1177

193.1019,

■ 0.0000, 0.0000,

204.0500, 221.4791

0.0000

235.2773,
248.5477, 269.8315

■ 27.7104, 29.3974,
31.8175

■ 27.7104, 29.3974,
31.8175

■ 24.6852, 27.9037,
28.7382

■ 31.1154, 31.0842,
35.1114

■ 22.0236, 26.5924,
25.8671

■ 34.9106, 32.9669,
38.6220

■ 19.7118, 25.4573,
23.2006

■ 39.1093, 35.0532,
42.3540

■ 17.7345, 24.4905,
20.7340

■ 43.7231, 37.3489,
46.3114

■ 16.0748, 23.6834,
18.4625

■ 48.7634, 39.8598,
50.4980

■ 14.7145, 23.0268,
16.3812

■ 54.2410, 42.5915,
54.9174

■ 13.6333, 22.5103,
14.4847

■ 60.1664, 45.5492,
59.5734

■ 12.8085, 22.1222,
12.7676

■ 63.0049, 46.9107,
64.3036

■ 12.2131, 21.8489,
11.2240

■ 63.9282, 47.2801,
69.1659

Harmonies

Analogous

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



27.7746, 29.3974, 31.5137



27.7104, 29.3974, 31.8175



27.7080, 29.3974, 32.1747

Triad

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



27.7104, 29.3974, 31.8175



27.9992, 29.3974, 32.6837



28.1155, 29.3974, 31.5326

Complementary

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



27.7104, 29.3974, 31.8175



27.7592, 28.9610, 31.7322

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.



28.1760, 29.3974, 31.8434



27.7104, 29.3974, 31.8175



28.1088, 29.3974, 32.5090

Square

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



27.7104, 29.3974, 31.8175



27.8745, 29.3974, 32.6766



28.1736, 29.3974, 32.2008



28.0083, 29.3974, 31.3501

Rectangle

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



27.7104, 29.3974, 31.8175



27.7417, 29.3974, 32.3952



28.1736, 29.3974, 32.2008



28.1419, 29.3974, 31.6254

Sweetspot

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



27.7112, 29.3987, 31.8181



49.6657, 52.2522, 56.9026



27.8179, 29.4627, 31.4152



11.3376, 11.9280, 12.9896



71.1368, 74.8414, 81.5023

Same Dimension

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



27.7112, 29.3987, 31.8181



48.5048, 51.6779, 55.7534



27.7876, 29.4292, 32.2205



6.3627, 6.7706, 7.3113



10.1123, 18.5177, 8.6329



0.1386, 0.2326, 0.1839

Inverse Universe

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



27.7592, 28.9610, 31.7322



48.6317, 50.5190, 55.5258



27.6834, 28.9307, 31.3332



6.3777, 6.6336, 7.2844



11.5039, 5.8066, 6.1346



0.1557, 0.0770, 0.1533

Previews

White Background



This preview shows how the XYZ color 27.7104, 29.3974, 31.8175 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 27.7104, 29.3974, 31.8175 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

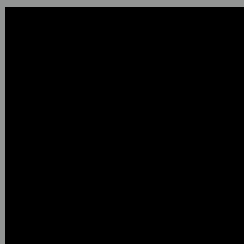
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

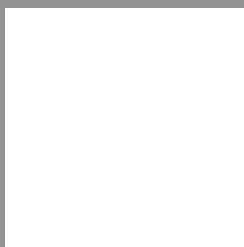
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 27.7104, 29.3974, 31.8175

Background



This preview shows how black text looks on a background with the XYZ color 27.7104, 29.3974, 31.8175.



This preview shows how white text looks on a background with the XYZ color 27.7104, 29.3974,

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

27.7104, 29.3974, 31.8175

Protanopia

28.1997, 29.4268, 31.3878

Deuteranopia

29.8657, 29.3601, 32.1099



Tritanopia

28.6632, 29.3223, 36.4968

Trichromacy



Original Color

27.7104, 29.3974, 31.8175

Protanomaly

28.0165, 29.3323, 31.3792

Deuteranomaly

29.1810, 29.4568, 32.1647

Tritanomaly

28.2991, 29.4036, 34.7558

Monochromacy



Original Color

27.7104, 29.3974, 31.8175

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

27.7328, 29.1771, 31.7738

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.7104, 29.3974, 31.8175 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, 148, 147) looks like.

```
.text, #text, p{  
    color:rgb(146, 148, 147)  
}
```

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, 148, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 148, 147) }
```

Border

The CSS property to change the border of an element to XYZ 27.7104, 29.3974, 31.8175 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, 148, 147) }
```

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

```
.border{ border-color:rgb(146, 148, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 148, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(146, 148, 147); -webkit-box-shadow:4px 4px 4px 4px rgb(146, 148, 147); box-shadow:4px 4px 4px 4px rgb(146, 148, 147) }
```


Background

The CSS property to change the background color of an element to XYZ 27.7104, 29.3974, 31.8175 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 148, 147) }
```

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

```
.background{ background-color: rgb(146,  
148, 147) }
```

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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