

Converting Colors

XYZ(27.4190, 30.1543, 31.5097)

Have a look what the booklet for
XYZ(27.4190, 30.1543, 31.5097)
contains.

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Color

**XYZ(27.4010, 30.1945,
31.5781)**

Conversions

Conversions Part 1

Format	Color
Hex	8D9892
RGB	141, 152, 146
RGB Percent	55%, 60%, 57%
CMY	0.4471, 0.4039, 0.4274
CMYK	0.07, 0.00, 0.04, 0.40
HSL	147°, 5%, 57%
HSV	147°, 7%, 60%
XYZ	27.4010, 30.1945, 31.5781
YIQ	148.0270, -4.6300, -4.1980

Conversions

Conversions Part 2

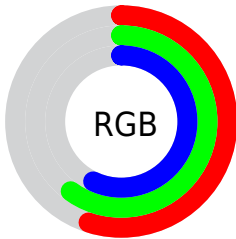
Format	Color
RYB	141, 149, 152
Decimal	9279634
CIELab	61.82, -5.14, 1.79
CIElCh	62, 5.438, 160.779
Yxy	30.1945, 0.3073, 0.3386
Android (android.graphics.Color)	4287469714 (0xFF8D9892)
YUV	148.0270, -0.9993, -6.1627
Hunter-Lab	54.9495, -7.1513, 4.3922

Details

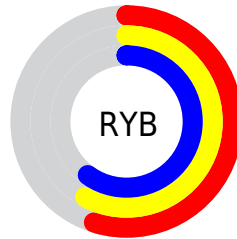
The XYZ color **27.4010, 30.1945, 31.5781** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **27.7413, 27.8324, 31.5151**, and the grayscale version is **28.1657, 29.6325, 32.2698**.

A 20% lighter version of the original color is **55.0023, 59.9148, 63.3094**, and **11.0794, 12.3760, 12.8712** is the 20% darker color. If you saturate the color by 10%, you get **24.3700, 28.7047, 28.1906**, and if you desaturate by 10%, it is **30.8353, 31.8885, 35.2301**.

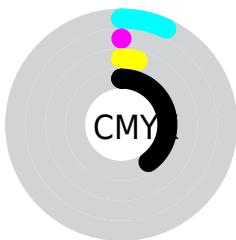
Distribution



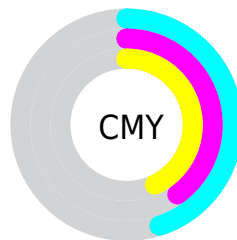
- Red (55%)
- Green (60%)
- Blue (57%)



- Red (55%)
- Yellow (58%)
- Blue (60%)



- Cyan (7%)
- Magenta (0%)
- Yellow (4%)
- Black (40%)



- Cyan (45%)
- Magenta (40%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.4010, 30.1945, 31.5781 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 27.4010, 30.1945, 31.5781 by changing the saturation by 10% instead.

■ 27.4010, 30.1945,
31.5781

■ 27.4010, 30.1945,
31.5781

281.7258,
302.8100, 323.6261

■ 18.0128, 19.9863,
20.7773

■ 54.9420, 59.9696,
63.2393

■ 11.0589, 12.3851,
12.7717

■ 73.8255, 80.3053,
84.9368

■ 6.1740, 7.0065,
7.1426

■ 96.6048, 104.7856,
111.1036

■ 2.9929, 3.4662,
3.4717

123.6453,
133.7949, 142.1582

■ 1.1500, 1.3797,
1.3402

155.3123,
167.7176, 178.5193

■ 0.0663, 0.2017,
0.0944

191.9711,

■ 0.0000, 0.0000,

206.9381, 220.6052

0.0000

233.9871,
251.8408, 268.8347

■ 27.4010, 30.1945,
31.5781

■ 27.4010, 30.1945,
31.5781

■ 24.3700, 28.7047,
28.1906

■ 30.8353, 31.8885,
35.2301

■ 21.7244, 27.4073,
25.0596

■ 34.6848, 33.7902,
39.1501

■ 19.4486, 26.2955,
22.1797

■ 38.9641, 35.9079,
43.3444

■ 17.5251, 25.3603,
19.5447

■ 43.6863, 38.2482,
47.8182

■ 15.9349, 24.5919,
17.1479

■ 48.8641, 40.8174,
52.5768

■ 14.6571, 23.9797,
14.9823

■ 54.5093, 43.6218,
57.6251

■ 13.6680, 23.5118,
13.0408

■ 60.6337, 46.6671,
62.9680

■ 12.9408, 23.1743,
11.3154

■ 64.3953, 48.4882,
68.4769

■ 12.4306, 22.9444,
9.7975

■ 65.4709, 48.9185,
74.1408

Harmonies

Analogous

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



27.7969, 30.1945, 29.9415



27.4010, 30.1945, 31.5781



27.3495, 30.1945, 33.6300

Triad

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



27.4010, 30.1945, 31.5781



28.9608, 30.1945, 36.9622



29.7690, 30.1945, 30.3342

Complementary

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



27.4010, 30.1945, 31.5781



27.7413, 27.8324, 31.5151

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.



30.0921, 30.1945, 32.1347



27.4010, 30.1945, 31.5781



29.6203, 30.1945, 35.9977

Square

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



27.4010, 30.1945, 31.5781



28.2419, 30.1945, 36.7978



30.0373, 30.1945, 34.2104



29.1610, 30.1945, 29.2445

Rectangle

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



27.4010, 30.1945, 31.5781



27.5164, 30.1945, 34.9651



30.0373, 30.1945, 34.2104



29.9150, 30.1945, 30.8731

Sweetspot

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



27.4018, 30.1958, 31.5788



51.4254, 54.8041, 59.0292



28.0786, 30.5886, 29.6239



11.7055, 12.4647, 13.4348



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.



27.4018, 30.1958, 31.5788



47.2737, 52.7588, 54.5428



27.8363, 30.3696, 33.8664



6.2430, 6.9699, 7.2032



10.3327, 19.1965, 7.9725



0.1725, 0.2942, 0.2141

Inverse Universe

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



27.7413, 27.8324, 31.5151



48.0234, 47.5388, 54.4021



27.3234, 27.6652, 29.3146



6.3427, 6.2762, 7.1845



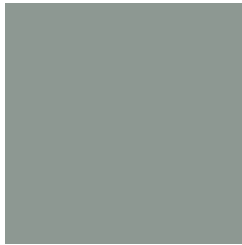
12.1797, 6.1261, 7.4714



0.2004, 0.0989, 0.2083

Previews

White Background



This preview shows how the XYZ color 27.4010, 30.1945, 31.5781 looks on a white background.

Color Contrast Check

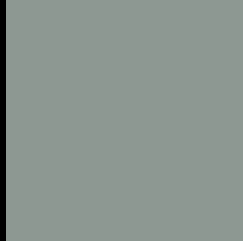
Large Text (above 18pt) WCAG AA × Fail

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 27.4010, 30.1945, 31.5781 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

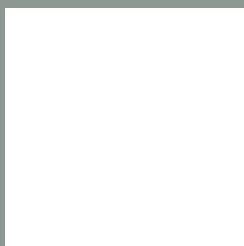
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 27.4010, 30.1945, 31.5781

Background



This preview shows how black text looks on a background with the XYZ color 27.4010, 30.1945, 31.5781.



This preview shows how white text looks on a background with the XYZ color 27.4010, 30.1945,

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

27.4010, 30.1945, 31.5781

Protanopia

28.9184, 30.2808, 30.7062

Deuteranopia

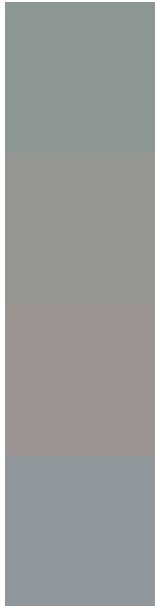
30.6284, 29.9771, 32.1889



Tritanopia

28.9295, 30.3506, 38.5159

Trichromacy



Original Color

27.4010, 30.1945, 31.5781

Protanomaly

28.4116, 30.2466, 31.1288

Deuteranomaly

29.4105, 30.0419, 31.8523

Tritanomaly

28.3951, 30.3732, 35.8185

Monochromacy



Original Color

27.4010, 30.1945, 31.5781

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

27.6910, 29.6212, 31.8618

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.4010, 30.1945, 31.5781 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(141, 152, 146)` looks like.

```
.text, #text, p{  
    color:rgb(141, 152, 146)  
}
```

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(141, 152, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 152, 146) }
```

Border

The CSS property to change the border of an element to XYZ 27.4010, 30.1945, 31.5781 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(141, 152, 146) }
```


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

```
.border{ border-color:rgb(141, 152, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 152, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 152, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 152, 146);  
box-shadow:4px 4px 4px 4px rgb(141, 152,  
146) }
```

Background

The CSS property to change the background color of an element to XYZ 27.4010, 30.1945, 31.5781 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 152, 146) }
```

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

```
.background{ background-color: rgb(141,  
152, 146) }
```

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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