

Converting Colors

XYZ(27.0975, 30.2940, 26.6098)

Have a look what the booklet for
XYZ(27.0975, 30.2940, 26.6098)
contains.

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Color

**XYZ(27.1265, 30.4052,
26.6294)**

Conversions

Conversions Part 1

Format	Color
Hex	909985
RGB	144, 153, 133
RGB Percent	56%, 60%, 52%
CMY	0.4353, 0.4000, 0.4784
CMYK	0.06, 0.00, 0.13, 0.40
HSL	87°, 9%, 56%
HSV	87°, 13%, 60%
XYZ	27.1265, 30.4052, 26.6294
YIQ	148.0290, 1.0560, -8.1280

Conversions

Conversions Part 2

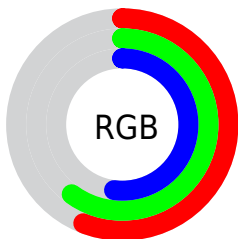
Format	Color
RYB	133, 153, 142
Decimal	9476485
CIELab	62.00, -7.02, 9.41
CIELCh	62, 11.743, 126.714
Yxy	30.4052, 0.3223, 0.3613
Android (android.graphics.Color)	4287666565 (0xFF909985)
YUV	148.0290, -7.4093, -3.5334
Hunter-Lab	55.1409, -8.6837, 9.9655

Details

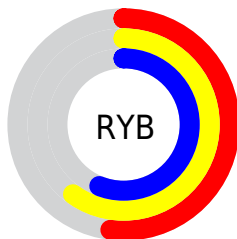
The XYZ color **27.1265, 30.4052, 26.6294** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **25.2938, 24.8266, 33.5974**, and the grayscale version is **28.1907, 29.6588, 32.2985**.

A 20% lighter version of the original color is **54.4645, 60.1766, 55.1990**, and **10.9288, 12.5070, 10.0217** is the 20% darker color. If you saturate the color by 10%, you get **24.9794, 29.4126, 21.4072**, and if you desaturate by 10%, it is **29.5026, 31.4999, 32.6675**.

Distribution



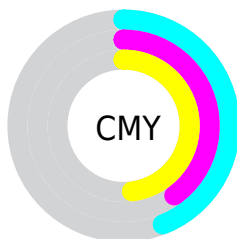
- Red (56%)
- Green (60%)
- Blue (52%)



- Red (52%)
- Yellow (60%)
- Blue (56%)



- Cyan (6%)
- Magenta (0%)
- Yellow (13%)
- Black (40%)



- Cyan (44%)
- Magenta (40%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.1265, 30.4052, 26.6294 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 27.1265, 30.4052, 26.6294 by changing the saturation by 10% instead.

■ 27.1265, 30.4052,
26.6294

■ 27.1265, 30.4052,
26.6294

280.4255,
303.7886, 299.5614

■ 17.8053, 20.1464,
17.0651

■ 54.5052, 60.3024,
55.2851

■ 10.9092, 12.5015,
10.1185

■ 73.2935, 80.7095,
75.2136

■ 6.0726, 7.0862,
5.3710

■ 95.9682, 105.2682,
99.4339

■ 2.9304, 3.5160,
2.4040

122.8947,
134.3628, 128.3645

■ 1.1170, 1.4067,
0.7886

154.4383,
168.3778, 162.4240

■ 0.0393, 0.2217,
0.0000

190.9644,

■ 0.0000, 0.0000,

207.6975, 202.0310

0.0000

232.8384,
252.7063, 247.6040

■ 27.1265, 30.4052,
26.6294

■ 27.1265, 30.4052,
26.6294

■ 24.9794, 29.4126,
21.4072

■ 29.5026, 31.4999,
32.6675

■ 23.0510, 28.5148,
16.9638

■ 32.1129, 32.6958,
39.5522

■ 21.3336, 27.7096,
13.2624

■ 34.9651, 33.9973,
47.3154

■ 19.8182, 26.9932,
10.2624

■ 38.0661, 35.4072,
55.9864

■ 18.4948, 26.3615,
7.9193

■ 41.4224, 36.9283,
65.5934

■ 17.3527, 25.8100,
6.1833

■ 45.0403, 38.5632,
76.1632

■ 16.3796, 25.3335,
4.9979

■ 48.9258, 40.3144,
87.7218

■ 15.5611, 24.9263,
4.2956

■ 53.0194, 42.1584,
99.9507

■ 15.0605, 24.6749,
3.9690

■ 54.8894, 43.1224,
100.0382

Harmonies

Analogous

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



28.5466, 30.4052, 25.2186



27.1265, 30.4052, 26.6294



26.2061, 30.4052, 29.7947

Triad

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



27.1265, 30.4052, 26.6294



27.7186, 30.4052, 41.7279



32.0121, 30.4052, 32.1025

Complementary

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



27.1265, 30.4052, 26.6294



25.2938, 24.8266, 33.5974

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.



31.7709, 30.4052, 36.6541



27.1265, 30.4052, 26.6294



29.2547, 30.4052, 42.4874

Square

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



27.1265, 30.4052, 26.6294



26.5391, 30.4052, 38.5659



30.7476, 30.4052, 40.5560



31.3953, 30.4052, 28.1876

Rectangle

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



27.1265, 30.4052, 26.6294



25.9803, 30.4052, 32.6115



30.7476, 30.4052, 40.5560



32.0290, 30.4052, 33.6057

Sweetspot

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



27.1273, 30.4065, 26.6301



52.3865, 56.2046, 57.3454



27.0446, 27.8128, 26.1338



11.4989, 12.3790, 12.4857



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.



27.1273, 30.4065, 26.6301



47.2881, 53.8554, 44.4988



25.4573, 29.5456, 26.5519



6.4405, 7.0846, 6.6338



12.4854, 20.4124, 3.2819



0.2285, 0.3267, 0.0510

Inverse Universe

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



25.2938, 24.8266, 33.5974



43.2797, 41.6563, 59.7314



27.0873, 25.7512, 33.6814



6.1353, 6.1556, 7.7938



6.8099, 2.9617, 25.1204



0.1429, 0.0654, 0.3775

Previews

White Background



This preview shows how the XYZ color 27.1265, 30.4052, 26.6294 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 27.1265, 30.4052, 26.6294 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

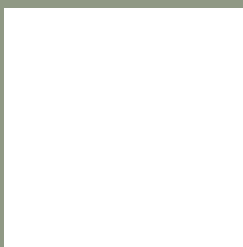
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 27.1265, 30.4052, 26.6294

Background



This preview shows how black text looks on a background with the XYZ color 27.1265, 30.4052, 26.6294.



This preview shows how white text looks on a background with the XYZ color 27.1265, 30.4052,

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

27.1265, 30.4052, 26.6294

Protanopia

28.7488, 30.3017, 25.8063

Deuteranopia

30.9240, 30.2418, 27.1291



Tritanopia

29.3932, 30.3640, 38.0299

Trichromacy



Original Color

27.1265, 30.4052, 26.6294

Protanomaly

28.0201, 30.1540, 26.1733

Deuteranomaly

29.4347, 30.1657, 26.8254

Tritanomaly

28.5249, 30.2501, 33.6136

Monochromacy



Original Color

27.1265, 30.4052, 26.6294

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

27.8969, 29.9989, 30.3066

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.1265, 30.4052, 26.6294 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(144, 153, 133)` looks like.

```
.text, #text, p{  
    color:rgb(144, 153, 133)  
}
```

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(144, 153, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 153, 133) }
```

Border

The CSS property to change the border of an element to XYZ 27.1265, 30.4052, 26.6294 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(144, 153, 133) }
```


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

```
.border{ border-color:rgb(144, 153, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 153, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 153, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 153, 133);  
box-shadow:4px 4px 4px 4px rgb(144, 153,  
133) }
```

Background

The CSS property to change the background color of an element to XYZ 27.1265, 30.4052, 26.6294 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 153, 133) }
```

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

```
.background{ background-color: rgb(144,  
153, 133) }
```

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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