

Converting Colors

XYZ(27.9329, 26.1790, 34.1503)

Have a look what the booklet for
XYZ(27.9329, 26.1790, 34.1503)
contains.

XYZ(27.9306, 26.1761, 34.1522)	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(27.9306, 26.1761,
34.1522)**

Conversions

Conversions Part 1

Format	Color
Hex	9C859A
RGB	156, 133, 154
RGB Percent	61%, 52%, 60%
CMY	0.3882, 0.4784, 0.3961
CMYK	0.00, 0.15, 0.01, 0.39
HSL	305°, 10%, 57%
HSV	305°, 15%, 61%
XYZ	27.9306, 26.1761, 34.1522
YIQ	142.2710, 6.9670, 11.4070

Conversions

Conversions Part 2

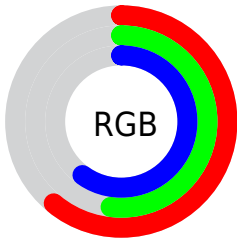
Format	Color
R _Y B	156, 133, 154
Decimal	10257818
CIE Lab	58.20, 12.57, -7.95
CIE LCh	58, 14.876, 327.693
Yxy	26.1761, 0.3165, 0.2966
Android (android.graphics.Color)	4288447898 (0xFF9C859A)
YUV	142.2710, 5.7824, 12.0403
Hunter-Lab	51.1626, 7.9119, -3.7636

Details

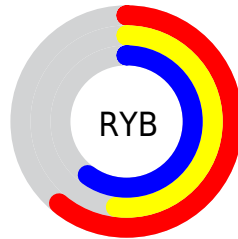
The XYZ color **27.9306, 26.1761, 34.1522** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **25.9356, 30.5136, 27.4460**, and the grayscale version is **25.7950, 27.1383, 29.5537**.

A 20% lighter version of the original color is **55.8080, 53.5208, 67.0636**, and **11.3671, 10.1690, 14.1957** is the 20% darker color. If you saturate the color by 10%, you get **25.8393, 22.1730, 32.9009**, and if you desaturate by 10%, it is **30.3419, 30.8164, 35.5171**.

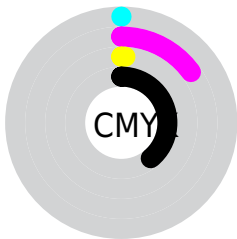
Distribution



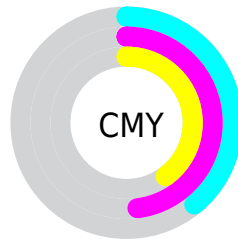
- Red (61%)
- Green (52%)
- Blue (60%)



- Red (61%)
- Yellow (52%)
- Blue (60%)



- Cyan (0%)
- Magenta (15%)
- Yellow (1%)
- Black (39%)



- Cyan (39%)
- Magenta (48%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.9306, 26.1761, 34.1522 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 27.9306, 26.1761, 34.1522 by changing the saturation by 10% instead.

■ 27.9306, 26.1761,
34.1522

■ 27.9306, 26.1761,
34.1522

284.2212,
283.6455, 335.6000

■ 18.4135, 16.9554,
22.7322

■ 55.7830, 53.5589,
67.3069

■ 11.3488, 10.2027,
14.1925

■ 74.8491, 72.4898,
89.8787

■ 6.3710, 5.5336,
8.1144

■ 97.8289, 95.4263,
117.0049

■ 3.1147, 2.5636,
4.0794

125.0878,
122.7527, 149.1039

■ 1.2147, 0.9084,
1.6690

156.9911,
154.8534, 186.5944

■ 0.1179, 0.0000,
0.3394

193.9043,

■ 0.0000, 0.0000,

192.1128, 229.8949

0.0000

236.1925,
234.9154, 279.4239

■ 27.9306, 26.1761,
34.1522

■ 27.9306, 26.1761,
34.1522

■ 25.8393, 22.1730,
32.9009

■ 30.3419, 30.8164,
35.5171

■ 24.0519, 18.7759,
31.7569

■ 33.0840, 36.1166,
36.9982

■ 22.5540, 15.9559,
30.7157

■ 36.1700, 42.1026,
38.6004

■ 21.3294, 13.6805,
29.7718

■ 39.6116, 48.7978,
40.3274

■ 20.3603, 11.9141,
28.9193

■ 43.4200, 56.2244,
42.1831

■ 19.6267, 10.6166,
28.1514

■ 47.6058, 64.4038,
44.1710

■ 19.1056, 9.7422,
27.4607

■ 52.1793, 73.3564,
46.2945

■ 18.7685, 9.2337,
26.8374

■ 56.2490, 81.2994,
48.2566

■ 18.6255, 9.0340,
26.5235

■ 56.3731, 81.3491,
48.9099

Harmonies

Analogous

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



26.5281, 26.1761, 38.2423



27.9306, 26.1761, 34.1522



28.5121, 26.1761, 28.9035

Triad

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



27.9306, 26.1761, 34.1522



25.0196, 26.1761, 19.6766



21.9305, 26.1761, 33.3760

Complementary

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



27.9306, 26.1761, 34.1522



25.9356, 30.5136, 27.4460

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.



21.5695, 26.1761, 28.1029



27.9306, 26.1761, 34.1522



23.3009, 26.1761, 20.5731

Square

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



27.9306, 26.1761, 34.1522



26.7815, 26.1761, 20.8969



22.0593, 26.1761, 23.5109



23.0699, 26.1761, 37.7574

Rectangle

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



27.9306, 26.1761, 34.1522



28.3357, 26.1761, 25.5853



22.0593, 26.1761, 23.5109



21.7166, 26.1761, 31.6309

Sweetspot

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



27.9314, 26.1772, 34.1528



55.4198, 56.5707, 64.6797



24.3677, 24.3207, 34.8631



12.1213, 12.3062, 14.1918



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



27.9314, 26.1772, 34.1528



49.2917, 44.7854, 61.1852



27.0252, 25.8148, 29.3808



6.8793, 6.7446, 8.2153



15.3478, 7.4437, 21.8805



0.2810, 0.1357, 0.4258

Inverse Universe

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



27.9314, 26.1772, 34.1528



49.2917, 44.7854, 61.1852



26.7831, 30.8526, 31.9088



6.8793, 6.7446, 8.2153



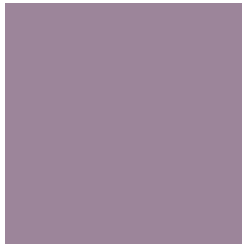
15.3478, 7.4437, 21.8805



0.2810, 0.1357, 0.4258

Previews

White Background



This preview shows how the XYZ color 27.9306, 26.1761, 34.1522 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 27.9306, 26.1761, 34.1522 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 27.9306, 26.1761, 34.1522

Background



This preview shows how black text looks on a background with the XYZ color 27.9306, 26.1761, 34.1522.



This preview shows how white text looks on a background with the XYZ color 27.9306, 26.1761,

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

27.9306, 26.1761, 34.1522

Protanopia

25.7207, 26.2522, 36.0593

Deuteranopia

26.5866, 26.1113, 33.7757



Tritanopia

27.2924, 26.3408, 30.4339

Trichromacy



Original Color

27.9306, 26.1761, 34.1522

Protanomaly

26.5331, 26.2549, 35.5676

Deuteranomaly

26.9914, 26.1119, 33.7545

Tritanomaly

27.3880, 26.1569, 31.6223

Monochromacy



Original Color

27.9306, 26.1761, 34.1522

Achromatopsia

25.7108, 27.0498, 29.4572

Achromatomaly

26.4535, 26.7436, 30.9619

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.9306, 26.1761, 34.1522 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(156, 133, 154)` looks like.

```
.text, #text, p{  
    color:rgb(156, 133, 154)  
}
```

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(156, 133, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 133, 154) }
```

Border

The CSS property to change the border of an element to XYZ 27.9306, 26.1761, 34.1522 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(156, 133, 154) }
```


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

```
.border{ border-color:rgb(156, 133, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 133, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 133, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 133, 154);  
box-shadow:4px 4px 4px 4px rgb(156, 133,  
154) }
```

Background

The CSS property to change the background color of an element to XYZ 27.9306, 26.1761, 34.1522 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 133, 154) }
```

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

```
.background{ background-color: rgb(156,  
133, 154) }
```

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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