

Converting Colors

XYZ(27.5961, 30.2228, 26.5438)

Have a look what the booklet for
XYZ(27.5961, 30.2228, 26.5438)
contains.

XYZ(27.5130, 30.1226, 26.5544)	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(27.5130, 30.1226,
26.5544)**

Conversions

Conversions Part 1

Format	Color
Hex	949785
RGB	148, 151, 133
RGB Percent	58%, 59%, 52%
CMY	0.4196, 0.4078, 0.4784
CMYK	0.02, 0.00, 0.12, 0.41
HSL	70°, 8%, 56%
HSV	70°, 12%, 59%
XYZ	27.5130, 30.1226, 26.5544
YIQ	148.0510, 3.9900, -6.2340

Conversions

Conversions Part 2

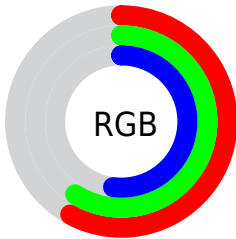
Format	Color
RYB	133, 151, 136
Decimal	9738117
CIELab	61.76, -4.42, 9.11
CIELCh	62, 10.128, 115.870
Yxy	30.1226, 0.3268, 0.3578
Android (android.graphics.Color)	4287928197 (0xFF949785)
YUV	148.0510, -7.4201, -0.0447
Hunter-Lab	54.8841, -6.5663, 9.7327

Details

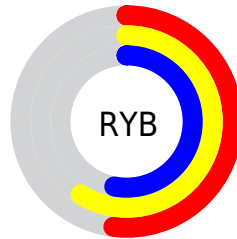
The XYZ color **27.5130, 30.1226, 26.5544** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **24.1279, 24.2444, 32.6878**, and the grayscale version is **28.1991, 29.6676, 32.3081**.

A 20% lighter version of the original color is **55.0514, 59.7644, 55.0885**, and **11.0483, 12.2803, 9.9716** is the 20% darker color. If you saturate the color by 10%, you get **26.0935, 29.5037, 21.4281**, and if you desaturate by 10%, it is **29.0941, 30.8092, 32.4724**.

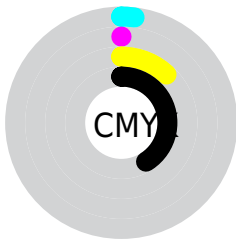
Distribution



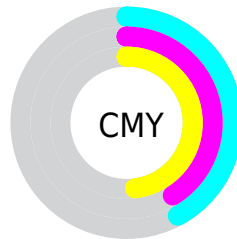
- Red (58%)
- Green (59%)
- Blue (52%)



- Red (52%)
- Yellow (59%)
- Blue (53%)



- Cyan (2%)
- Magenta (0%)
- Yellow (12%)
- Black (41%)



- Cyan (42%)
- Magenta (41%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.5130, 30.1226, 26.5544 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 27.5130, 30.1226, 26.5544 by changing the saturation by 10% instead.

■ 27.5130, 30.1226,
26.5544

■ 27.5130, 30.1226,
26.5544

282.2549,
302.4755, 299.1847

■ 18.0975, 19.9317,
17.0094

■ 55.1201, 59.8560,
55.1630

■ 11.1201, 12.3454,
10.0791

■ 74.0423, 80.1673,
75.0637

■ 6.2156, 6.9794,
5.3452

■ 96.8642, 104.6208,
99.2533

■ 3.0185, 3.4492,
2.3889

123.9510,
133.6009, 128.1504

■ 1.1635, 1.3705,
0.7804

155.6681,
167.4920, 162.1736

■ 0.0773, 0.1948,
0.0000

192.3809,

■ 0.0000, 0.0000,

206.6786, 201.7413

0.0000

234.4547,
251.5449, 247.2722

■ 27.5130, 30.1226,
26.5544

■ 27.5130, 30.1226,
26.5544

■ 26.0935, 29.5037,
21.4281

■ 29.0941, 30.8092,
32.4724

■ 24.8266, 28.9460,
17.0581

■ 30.8404, 31.5621,
39.2119

■ 23.7064, 28.4482,
13.4091

■ 32.7584, 32.3848,
46.8031

■ 22.7254, 28.0071,
10.4421

■ 34.8535, 33.2796,
55.2745

■ 21.8754, 27.6195,
8.1146

■ 37.1310, 34.2485,
64.6531

■ 21.1473, 27.2818,
6.3794

■ 39.5958, 35.2934,
74.9647

■ 20.5310, 26.9900,
5.1826

■ 42.2527, 36.4164,
86.2342

■ 20.0142, 26.7390,
4.4605

■ 45.1062, 37.6193,
98.4855

■ 19.6440, 26.5560,
4.0905

■ 45.8404, 37.9756,
99.5217

Harmonies

Analogous

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



28.8180, 30.1226, 25.9290



27.5130, 30.1226, 26.5544



26.5355, 30.1226, 28.8021

Triad

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



27.5130, 30.1226, 26.5544



27.1989, 30.1226, 39.3442



31.2982, 30.1226, 33.3366

Complementary

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



27.5130, 30.1226, 26.5544



24.1279, 24.2444, 32.6878

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.



30.8333, 30.1226, 37.1482



27.5130, 30.1226, 26.5544



28.4441, 30.1226, 40.7850

Square

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



27.5130, 30.1226, 26.5544



26.3582, 30.1226, 36.1499



29.7781, 30.1226, 39.9516



31.0301, 30.1226, 29.6607

Rectangle

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



27.5130, 30.1226, 26.5544



26.1867, 30.1226, 31.0171



29.7781, 30.1226, 39.9516



31.2221, 30.1226, 34.6467

Sweetspot

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



27.5138, 30.1239, 26.5550



51.4656, 54.8976, 55.7415



25.8013, 25.8819, 25.8265



11.6507, 12.4573, 12.4928



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.



27.5138, 30.1239, 26.5550



48.6460, 53.6730, 45.2638



25.9487, 29.3171, 26.4818



6.6077, 7.1708, 6.6417



16.7312, 22.6011, 3.4806



0.2738, 0.3501, 0.0531

Inverse Universe

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



24.1279, 24.2444, 32.6878



41.4983, 41.2610, 58.2106



25.6515, 25.0298, 32.7591



5.9758, 6.0734, 7.7863



5.1146, 2.0877, 25.0411



0.0977, 0.0421, 0.3754

Previews

White Background



This preview shows how the XYZ color 27.5130, 30.1226, 26.5544 looks on a white background.

Color Contrast Check

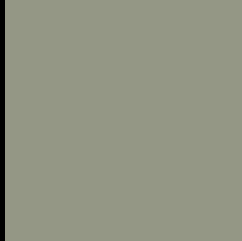
Large Text (above 18pt) WCAG AA × Fail

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 27.5130, 30.1226, 26.5544 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

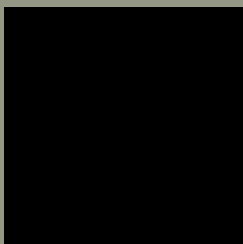
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

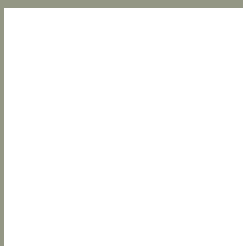
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 27.5130, 30.1226, 26.5544

Background



This preview shows how black text looks on a background with the XYZ color 27.5130, 30.1226, 26.5544.



This preview shows how white text looks on a background with the XYZ color 27.5130, 30.1226,

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

27.5130, 30.1226, 26.5544

Protanopia

28.6226, 30.2288, 26.1560

Deuteranopia

30.6385, 30.1028, 26.7498



Tritanopia

29.6406, 30.0460, 37.0381

Trichromacy



Original Color

27.5130, 30.1226, 26.5544

Protanomaly

28.2081, 30.2509, 26.1821

Deuteranomaly

29.4347, 30.1657, 26.8254

Tritanomaly

28.8574, 29.9611, 33.1163

Monochromacy



Original Color

27.5130, 30.1226, 26.5544

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

27.9181, 29.7740, 30.2621

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.5130, 30.1226, 26.5544 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(148, 151, 133)` looks like.

```
.text, #text, p{  
    color:rgb(148, 151, 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(148, 151, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 151, 133) }
```

Border

The CSS property to change the border of an element to XYZ 27.5130, 30.1226, 26.5544 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(148, 151, 133) }
```


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

```
.border{ border-color:rgb(148, 151, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 151, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 151, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 151, 133);  
box-shadow:4px 4px 4px 4px rgb(148, 151,  
133) }
```

Background

The CSS property to change the background color of an element to XYZ 27.5130, 30.1226, 26.5544 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 151, 133) }
```

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

```
.background{ background-color: rgb(148,  
151, 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](#).

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