

Converting Colors

XYZ(26.8181, 29.5447, 29.1817)

Have a look what the booklet for
XYZ(26.8181, 29.5447, 29.1817)
contains.

XYZ(26.7953, 29.4569, 29.0844)	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(26.7953, 29.4569,
29.0844)**

Conversions

Conversions Part 1

Format	Color
Hex	8E968C
RGB	142, 150, 140
RGB Percent	56%, 59%, 55%
CMY	0.4431, 0.4118, 0.4510
CMYK	0.05, 0.00, 0.07, 0.41
HSL	108°, 5%, 57%
HSV	108°, 7%, 59%
XYZ	26.7953, 29.4569, 29.0844
YIQ	146.4680, -1.5580, -4.8060

Conversions

Conversions Part 2

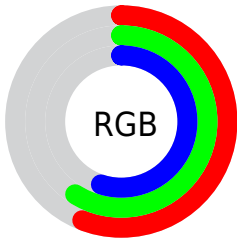
Format	Color
R_{YB}	140, 150, 148
Decimal	9344652
CIE _{Lab}	61.18, -4.83, 4.27
CIE _{LCh}	61, 6.449, 138.543
Yxy	29.4569, 0.3140, 0.3452
Android (android.graphics.Color)	4287534732 (0xFF8E968C)
YUV	146.4680, -3.1887, -3.9184
Hunter-Lab	54.2742, -6.8540, 6.2197

Details

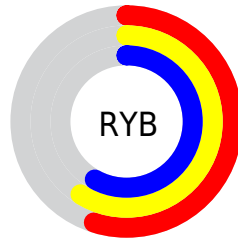
The XYZ color **26.7953, 29.4569, 29.0844** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **27.0969, 27.2548, 32.6882**, and the grayscale version is **27.5276, 28.9612, 31.5387**.

A 20% lighter version of the original color is **54.0954, 58.8165, 59.5405**, and **10.7209, 11.9372, 11.4119** is the 20% darker color. If you saturate the color by 10%, you get **23.8145, 28.0403, 23.5594**, and if you desaturate by 10%, it is **30.1502, 31.0506, 35.4153**.

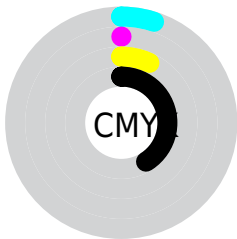
Distribution



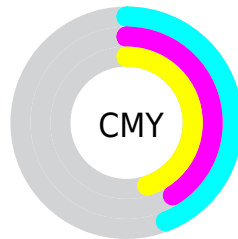
- Red (56%)
- Green (59%)
- Blue (55%)



- Red (55%)
- Yellow (59%)
- Blue (58%)



- Cyan (5%)
- Magenta (0%)
- Yellow (7%)
- Black (41%)



- Cyan (44%)
- Magenta (41%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.7953, 29.4569, 29.0844 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 26.7953, 29.4569, 29.0844 by changing the saturation by 10% instead.

■ 26.7953, 29.4569,
29.0844

■ 26.7953, 29.4569,
29.0844

278.8503,
299.3647, 311.6864

■ 17.5553, 19.4267,
18.8986

■ 53.9774, 58.8022,
59.2549

■ 10.7290, 11.9790,
11.4209

■ 72.6503, 78.8862,
80.0767

■ 5.9508, 6.7294,
6.2330

■ 95.1982, 103.0902,
105.2809

■ 2.8556, 3.2935,
2.9162

121.9864,
131.7986, 135.2859

■ 1.0779, 1.2868,
1.0520

153.3804,
165.3959, 170.5105

■ 0.0065, 0.1309,
0.0000

189.7455,

■ 0.0000, 0.0000,

204.2664, 211.3731

0.0000

231.4470,
248.7945, 258.2922

■ 26.7953, 29.4569,
29.0844

■ 26.7953, 29.4569,
29.0844

■ 23.8145, 28.0403,
23.5594

■ 30.1502, 31.0506,
35.4153

■ 21.1925, 26.7911,
18.8062

■ 33.8893, 32.8235,
42.5805

■ 18.9161, 25.7041,
14.7909

■ 38.0251, 34.7821,
50.6096

■ 16.9706, 24.7725,
11.4765

■ 42.5690, 36.9319,
59.5300

■ 15.3403, 23.9891,
8.8228

■ 47.5318, 39.2777,
69.3680

■ 14.0080, 23.3460,
6.7854

■ 52.9239, 41.8244,
80.1488

■ 12.9548, 22.8345,
5.3147

■ 58.7555, 44.5767,
91.8964

■ 12.1596, 22.4450,
4.3532

■ 64.2199, 47.2125,
100.3359

■ 11.5937, 22.1647,
3.8107

■ 68.3849, 49.3597,
100.5308

Harmonies

Analogous

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



27.4833, 29.4569, 27.8527



26.7953, 29.4569, 29.0844



26.4323, 29.4569, 31.1562

Triad

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



26.7953, 29.4569, 29.0844



27.6757, 29.4569, 36.8641



29.5701, 29.4569, 30.6134

Complementary

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



26.7953, 29.4569, 29.0844



27.0969, 27.2548, 32.6882

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.



29.6241, 29.4569, 33.0087



26.7953, 29.4569, 29.0844



28.5189, 29.4569, 36.7007

Square

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



26.7953, 29.4569, 29.0844



26.9337, 29.4569, 35.6967



29.2360, 29.4569, 35.2608



29.0897, 29.4569, 28.7043

Rectangle

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



26.7953, 29.4569, 29.0844



26.4185, 29.4569, 32.7713



29.2360, 29.4569, 35.2608



29.6391, 29.4569, 31.3858

Sweetspot

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



26.7961, 29.4582, 29.0850



49.9435, 53.2464, 56.3169



27.9024, 29.5586, 29.0461



11.0850, 11.8081, 12.5124



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



26.7961, 29.4582, 29.0850



46.4620, 51.5926, 49.7850



26.6804, 29.3726, 30.2506



5.8315, 6.5210, 6.1918



9.5117, 18.3313, 3.0370



0.1362, 0.2346, 0.0381

Inverse Universe

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



27.0969, 27.2548, 32.6882



47.1050, 46.8823, 57.4877



27.2232, 27.3475, 31.4487



5.9229, 5.8512, 7.2870



11.0169, 5.1520, 24.3448



0.1580, 0.0750, 0.2991

Previews

White Background



This preview shows how the XYZ color 26.7953, 29.4569, 29.0844 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 26.7953, 29.4569, 29.0844 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

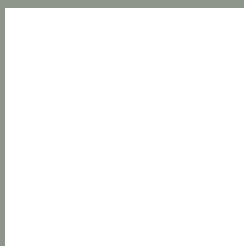
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.7953, 29.4569, 29.0844

Background



This preview shows how black text looks on a background with the XYZ color 26.7953, 29.4569, 29.0844.



This preview shows how white text looks on a background with the XYZ color 26.7953, 29.4569,

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

26.7953, 29.4569, 29.0844

Protanopia

27.9701, 29.3778, 28.2411

Deuteranopia

29.9400, 29.4605, 29.3077



Tritanopia

28.3688, 29.3904, 36.9786

Trichromacy



Original Color

26.7953, 29.4569, 29.0844

Protanomaly

27.4628, 29.3398, 28.6418

Deuteranomaly

28.7969, 29.5488, 29.3850

Tritanomaly

27.7590, 29.3761, 33.9129

Monochromacy



Original Color

26.7953, 29.4569, 29.0844

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

27.1448, 28.9008, 30.5333

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.7953, 29.4569, 29.0844 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(142, 150, 140)` looks like.

```
.text, #text, p{  
    color:rgb(142, 150, 140)  
}
```

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(142, 150, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 150, 140) }
```

Border

The CSS property to change the border of an element to XYZ 26.7953, 29.4569, 29.0844 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(142, 150, 140) }
```


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

```
.border{ border-color:rgb(142, 150, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 150, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(142, 150, 140); -webkit-box-shadow:4px 4px 4px 4px rgb(142, 150, 140); box-shadow:4px 4px 4px 4px rgb(142, 150, 140) }
```

Background

The CSS property to change the background color of an element to XYZ 26.7953, 29.4569, 29.0844 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 150, 140) }
```

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

```
.background{ background-color: rgb(142,  
150, 140) }
```

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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