

Converting Colors

XYZ(26.7150, 28.7392, 34.2765)

Have a look what the booklet for
XYZ(26.7150, 28.7392, 34.2765)
contains.

XYZ(26.8209, 28.8830, 34.2984)	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(26.8209, 28.8830,
34.2984)**

Conversions

Conversions Part 1

Format	Color
Hex	8A9499
RGB	138, 148, 153
RGB Percent	54%, 58%, 60%
CMY	0.4588, 0.4196, 0.4000
CMYK	0.10, 0.03, 0.00, 0.40
HSL	200°, 7%, 57%
HSV	200°, 10%, 60%
XYZ	26.8209, 28.8830, 34.2984
YIQ	145.5800, -7.5650, -0.5650

Conversions

Conversions Part 2

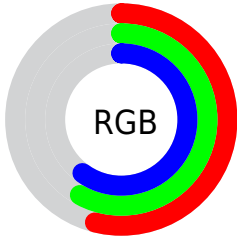
Format	Color
R_{YB}	138, 144, 153
Decimal	9082009
CIE _{Lab}	60.68, -2.55, -3.88
CIE _{LCh}	61, 4.644, 236.633
Yxy	28.8830, 0.2980, 0.3209
Android (android.graphics.Color)	4287272089 (0xFF8A9499)
YUV	145.5800, 3.6581, -6.6477
Hunter-Lab	53.7429, -4.9680, -0.2185

Details

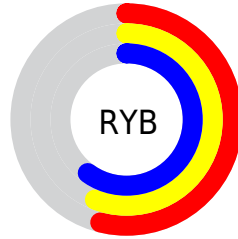
The XYZ color **26.8209, 28.8830, 34.2984** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **27.5469, 28.2520, 28.0465**, and the grayscale version is **27.1383, 28.5516, 31.0926**.

A 20% lighter version of the original color is **53.8689, 57.8224, 67.3531**, and **10.6975, 11.5834, 14.2424** is the 20% darker color. If you saturate the color by 10%, you get **23.6839, 26.1055, 33.9281**, and if you desaturate by 10%, it is **30.3515, 31.9172, 34.6984**.

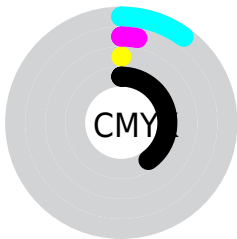
Distribution



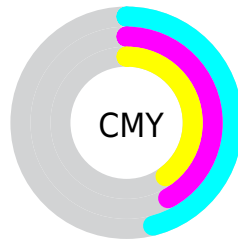
- Red (54%)
- Green (58%)
- Blue (60%)



- Red (54%)
- Yellow (56%)
- Blue (60%)



- Cyan (10%)
- Magenta (3%)
- Yellow (0%)
- Black (40%)



- Cyan (46%)
- Magenta (42%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.8209, 28.8830, 34.2984 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 26.8209, 28.8830, 34.2984 by changing the saturation by 10% instead.

■ 26.8209, 28.8830,
34.2984

■ 26.8209, 28.8830,
34.2984

278.9723,
296.6625, 336.2702

■ 17.5746, 18.9923,
22.8437

■ 54.0183, 57.8911,
67.5366

■ 10.7429, 11.6647,
14.2739

■ 72.7001, 77.7774,
90.1573

■ 5.9602, 6.5158,
8.1705

■ 95.2578, 101.7643,
117.3369

■ 2.8613, 3.1612,
4.1149

122.0568,
130.2363, 149.4942

■ 1.0809, 1.2165,
1.6886

153.4623,
163.5777, 187.0477

■ 0.0090, 0.0751,
0.3529

189.8399,

■ 0.0000, 0.0000,

202.1729, 230.4158

0.0000

231.5547,
246.4064, 280.0171

■ 26.8209, 28.8830,
34.2984

■ 26.8209, 28.8830,
34.2984

■ 23.6839, 26.1055,
33.9281

■ 30.3515, 31.9172,
34.6984

■ 20.9226, 23.5726,
33.5847

■ 34.2875, 35.2125,
35.1270

■ 18.5215, 21.2763,
33.2680

■ 38.6433, 38.7779,
35.5857

■ 16.4631, 19.2070,
32.9771

■ 43.4321, 42.6207,
36.0750

■ 14.7282, 17.3539,
32.7109

■ 48.6662, 46.7478,
36.5957

■ 13.2957, 15.7055,
32.4682

■ 54.3574, 51.1661,
37.1486

■ 12.1414, 14.2487,
32.2478

■ 60.5172, 55.8819,
37.7342

■ 11.2377, 12.9684,
32.0483

■ 65.1412, 59.8627,
38.2588

■ 10.5172, 11.8291,
31.8664

■ 66.2555, 62.0913,
38.6303

Harmonies

Analogous

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



26.4310, 28.8830, 32.9578



26.8209, 28.8830, 34.2984



27.3845, 28.8830, 34.8743

Triad

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



26.8209, 28.8830, 34.2984



28.6239, 28.8830, 31.6437



26.9370, 28.8830, 28.5784

Complementary

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



26.8209, 28.8830, 34.2984



27.5469, 28.2520, 28.0465

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.



27.5204, 28.8830, 28.2551



26.8209, 28.8830, 34.2984



28.4998, 28.8830, 29.9864

Square

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



26.8209, 28.8830, 34.2984



28.4302, 28.8830, 33.3068



28.0938, 28.8830, 28.7613



26.4973, 28.8830, 29.6610

Rectangle

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



26.8209, 28.8830, 34.2984



27.7850, 28.8830, 34.7321



28.0938, 28.8830, 28.7613



27.1225, 28.8830, 28.3790

Sweetspot

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



26.8217, 28.8842, 34.2990



52.2187, 55.3400, 61.9015



26.8119, 30.1618, 30.2966



11.4216, 12.1264, 13.6561



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.



26.8217, 28.8842, 34.2990



46.6030, 50.4753, 61.2584



25.7195, 26.6798, 33.9316



6.2111, 6.6796, 7.8909



8.7124, 9.8214, 26.3442



0.1633, 0.2130, 0.4049

Inverse Universe

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



27.5713, 27.0879, 31.7937



48.2611, 46.5601, 55.7034



28.6711, 30.5004, 28.4212



6.3737, 6.2886, 7.3478



12.8564, 6.3968, 11.0346



0.2089, 0.1023, 0.2529

Previews

White Background



This preview shows how the XYZ color 26.8209, 28.8830, 34.2984 looks on a white background.

Color Contrast Check

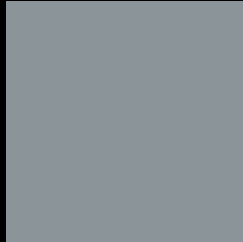
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.8209, 28.8830, 34.2984 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

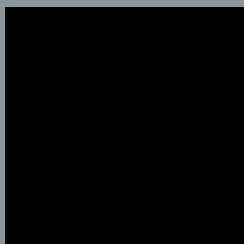
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 26.8209, 28.8830, 34.2984

Background



This preview shows how black text looks on a background with the XYZ color 26.8209, 28.8830, 34.2984.



This preview shows how white text looks on a background with the XYZ color 26.8209, 28.8830,

34.2984.

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

26.8209, 28.8830, 34.2984

Protanopia

27.7439, 28.6882, 33.3533

Deuteranopia

29.4104, 28.8472, 34.5898



Tritanopia

27.3392, 28.8596, 36.9304

Trichromacy



Original Color

26.8209, 28.8830, 34.2984

Protanomaly

27.4480, 28.7541, 33.8092

Deuteranomaly

28.3837, 28.7636, 34.6278

Tritanomaly

27.1670, 28.7907, 36.0236

Monochromacy



Original Color

26.8209, 28.8830, 34.2984

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

27.1862, 28.8770, 32.5747

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.8209, 28.8830, 34.2984 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(138, 148, 153)` looks like.

```
.text, #text, p{  
    color:rgb(138, 148, 153)  
}
```

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(138, 148, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 148, 153) }
```

Border

The CSS property to change the border of an element to XYZ 26.8209, 28.8830, 34.2984 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(138, 148, 153) }
```


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

```
.border{ border-color:rgb(138, 148, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 148, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 148, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 148, 153);  
box-shadow:4px 4px 4px 4px rgb(138, 148,  
153) }
```

Background

The CSS property to change the background color of an element to XYZ 26.8209, 28.8830, 34.2984 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 148, 153) }
```

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

```
.background{ background-color: rgb(138,  
148, 153) }
```

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