

Converting Colors

XYZ(28.9430, 34.8789, 30.4061)

Have a look what the booklet for
XYZ(28.9430, 34.8789, 30.4061)
contains.

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Color

**XYZ(28.9430, 34.8789,
30.4061)**

Conversions

Conversions Part 1

Format	Color
Hex	89A78D
RGB	137, 167, 141
RGB Percent	54%, 65%, 55%
CMY	0.4627, 0.3451, 0.4471
CMYK	0.18, 0.00, 0.16, 0.35
HSL	128°, 15%, 60%
HSV	128°, 18%, 65%
XYZ	28.9430, 34.8789, 30.4061
YIQ	155.0660, -9.5340, -14.4460

Conversions

Conversions Part 2

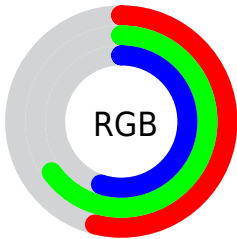
Format	Color
RYB	137, 163, 167
Decimal	9021325
CIELab	65.65, -15.57, 10.06
CIELCh	66, 18.537, 147.144
Yxy	34.8789, 0.3072, 0.3702
Android (android.graphics.Color)	4287211405 (0xFF89A78D)
YUV	155.0660, -6.9345, -15.8439
Hunter-Lab	59.0584, -15.8738, 10.8155

Details

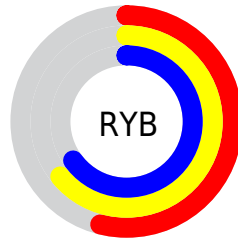
The XYZ color **28.9430, 34.8789, 30.4061** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **31.4942, 28.7521, 38.5419**, and the grayscale version is **31.2185, 32.8443, 35.7674**.

A 20% lighter version of the original color is **57.4575, 67.2590, 61.5837**, and **11.9495, 15.0430, 12.1713** is the 20% darker color. If you saturate the color by 10%, you get **25.4070, 33.1734, 24.9816**, and if you desaturate by 10%, it is **33.0455, 36.8621, 36.5934**.

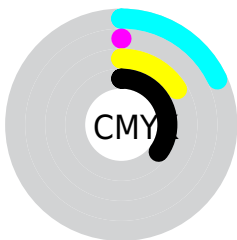
Distribution



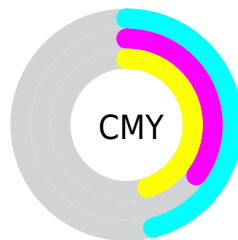
- Red (54%)
- Green (65%)
- Blue (55%)



- Red (54%)
- Yellow (64%)
- Blue (65%)



- Cyan (18%)
- Magenta (0%)
- Yellow (16%)
- Black (35%)



- Cyan (46%)
- Magenta (35%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.9430, 34.8789, 30.4061 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 28.9430, 34.8789, 30.4061 by changing the saturation by 10% instead.

■ 28.9430, 34.8789,
30.4061

■ 28.9430, 34.8789,
30.4061

288.9450,
324.0335, 318.0588

■ 19.1818, 23.5696,
19.8924

■ 57.3847, 67.2981,
61.3724

■ 11.9065, 15.0147,
12.1335

■ 76.7959, 89.1768,
82.6620

■ 6.7518, 8.8297,
6.7110

■ 100.1544,
115.3475, 108.3807

■ 3.3523, 4.6303,
3.2064

127.8257,
146.1945, 138.9470

■ 1.3427, 2.0320,
1.2009

160.1750,
182.1021, 174.7794

■ 0.2148, 0.6260,
0.0000

197.5678,

■ 0.0000, 0.0000,

223.4550, 216.2965

0.0000

240.3693,
270.6373, 263.9168

■ 28.9430, 34.8789,
30.4061

■ 28.9430, 34.8789,
30.4061

■ 25.4070, 33.1734,
24.9816

■ 33.0455, 36.8621,
36.5934

■ 22.4097, 31.7290,
20.2881

■ 37.7349, 39.1301,
43.5689

■ 19.9254, 30.5341,
16.2950

■ 43.0341, 41.6950,
51.3599

■ 17.9250, 29.5745,
12.9687

■ 48.9640, 44.5670,
59.9916

■ 16.3768, 28.8344,
10.2730

■ 55.5445, 47.7560,
69.4880

■ 15.2447, 28.2962,
8.1678

■ 62.7944, 51.2712,
79.8723

■ 14.4875, 27.9396,
6.6087

■ 70.7322, 55.1214,
91.1668

■ 14.0397, 27.7318,
5.5445

■ 73.1094, 56.1188,
101.5865

■ 13.9668, 27.6977,
5.3826

Harmonies

Analogous

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



30.8186, 34.8789, 26.1311



28.9430, 34.8789, 30.4061



28.1902, 34.8789, 37.2347

Triad

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



28.9430, 34.8789, 30.4061



32.8911, 34.8789, 55.0166



38.0343, 34.8789, 31.5360

Complementary

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



28.9430, 34.8789, 30.4061



31.4942, 28.7521, 38.5419

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.



38.6629, 34.8789, 38.7295



28.9430, 34.8789, 30.4061



35.5990, 34.8789, 52.9515

Square

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



28.9430, 34.8789, 30.4061



30.3900, 34.8789, 52.0241



37.7490, 34.8789, 46.7110



36.0751, 34.8789, 26.7179

Rectangle

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



28.9430, 34.8789, 30.4061



28.3937, 34.8789, 42.5731



37.7490, 34.8789, 46.7110



38.4128, 34.8789, 33.7245

Sweetspot

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



28.9439, 34.8804, 30.4069



61.4840, 67.1287, 68.9774



33.5424, 37.2847, 29.0962



13.6360, 14.9627, 15.2523



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



28.9439, 34.8804, 30.4069



48.9040, 61.0509, 49.9818



30.0949, 35.3407, 36.4675



7.4760, 8.4234, 8.2266



10.6980, 21.1980, 4.1765



0.2722, 0.5205, 0.1642

Inverse Universe

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



31.4942, 28.7521, 38.5419



54.4229, 47.7863, 67.5848



30.2681, 28.2616, 32.0856



7.7982, 7.6492, 9.2547



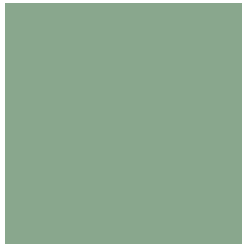
16.1029, 7.8499, 21.1514



0.4033, 0.1956, 0.5751

Previews

White Background



This preview shows how the XYZ color 28.9430, 34.8789, 30.4061 looks on a white background.

Color Contrast Check

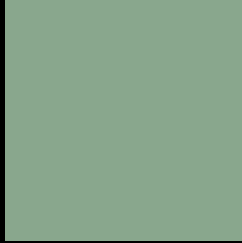
Large Text (above 18pt) WCAG AA × Fail

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 28.9430, 34.8789, 30.4061 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 28.9430, 34.8789, 30.4061

Background



This preview shows how black text looks on a background with the XYZ color 28.9430, 34.8789, 30.4061.



This preview shows how white text looks on a background with the XYZ color 28.9430, 34.8789,

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

28.9430, 34.8789, 30.4061

Protanopia

32.8498, 34.8179, 28.6561

Deuteranopia

35.2477, 34.4994, 31.1869



Tritanopia

31.9859, 34.7754, 45.5839

Trichromacy



Original Color

28.9430, 34.8789, 30.4061

Protanomaly

31.2181, 34.7436, 29.1056

Deuteranomaly

32.4946, 34.3294, 30.9002

Tritanomaly

30.8708, 34.8580, 39.7515

Monochromacy



Original Color

28.9430, 34.8789, 30.4061

Achromatopsia

31.1553, 32.7778, 35.6950

Achromatomaly

30.1159, 33.2942, 33.6933

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.9430, 34.8789, 30.4061 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(137, 167, 141)` looks like.

```
.text, #text, p{  
    color:rgb(137, 167, 141)  
}
```

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(137, 167, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 167, 141) }
```

Border

The CSS property to change the border of an element to XYZ 28.9430, 34.8789, 30.4061 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(137, 167, 141) }
```


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

```
.border{ border-color:rgb(137, 167, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 167, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 167, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 167, 141);  
box-shadow:4px 4px 4px 4px rgb(137, 167,  
141) }
```

Background

The CSS property to change the background color of an element to XYZ 28.9430, 34.8789, 30.4061 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 167, 141) }
```

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

```
.background{ background-color: rgb(137,  
167, 141) }
```

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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