

Converting Colors

XYZ(29.2570, 34.9562, 28.1273)

Have a look what the booklet for
XYZ(29.2570, 34.9562, 28.1273)
contains.

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Color

**XYZ(29.3472, 35.1375,
28.1571)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|-----------------------------|
| Hex | 8EA787 |
| RGB | 142, 167, 135 |
| RGB Percent | 56%, 65%, 53% |
| CMY | 0.4431, 0.3451, 0.4706 |
| CMYK | 0.15, 0.00, 0.19, 0.35 |
| HSL | 107°, 15%, 59% |
| HSV | 107°, 19%, 65% |
| XYZ | 29.3472, 35.1375, 28.1571 |
| YIQ | 155.8770, -4.6280, -15.2520 |

Conversions

Conversions Part 2

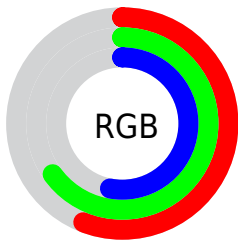
| Format | Color |
|-------------------------------------|---------------------------------|
| RYB | 135, 167, 160 |
| Decimal | 9348999 |
| CIELab | 65.86, -14.88, 13.71 |
| CIElCh | 66, 20.234, 137.345 |
| Yxy | 35.1375, 0.3168, 0.3793 |
| Android (android.graphics.Color) | 4287539079 (0xFF8EA787) |
| YUV | 155.8770, -10.2924, -12.1701 |
| Hunter-Lab | 59.2769, -15.3616, 13.3305 |

Details

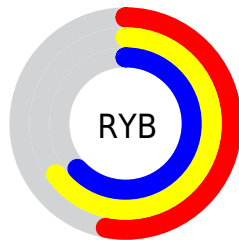
The XYZ color **29.3472, 35.1375, 28.1571** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **30.1377, 27.5926, 40.2986**, and the grayscale version is **31.5918, 33.2370, 36.1951**.

A 20% lighter version of the original color is **57.9633, 67.6092, 57.5718**, and **12.0848, 15.1415, 10.8800** is the 20% darker color. If you saturate the color by 10%, you get **26.1535, 33.6175, 22.3439**, and if you desaturate by 10%, it is **32.9894, 36.8695, 34.9556**.

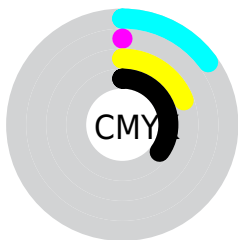
Distribution



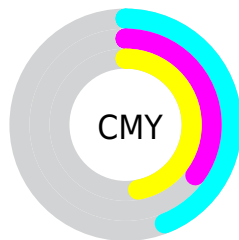
- Red (56%)
- Green (65%)
- Blue (53%)



- Red (53%)
- Yellow (65%)
- Blue (63%)



- Cyan (15%)
- Magenta (0%)
- Yellow (19%)
- Black (35%)



- Cyan (44%)
- Magenta (35%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.3472, 35.1375, 28.1571 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 29.3472, 35.1375, 28.1571 by changing the saturation by 10% instead.

■ 29.3472, 35.1375,
28.1571

■ 29.3472, 35.1375,
28.1571

290.8144,
325.1748, 307.1524

■ 19.4892, 23.7688,
18.2040

■ 58.0220, 67.6987,
57.7613

■ 12.1304, 15.1622,
10.9256

■ 77.5696, 89.6600,
78.2495

■ 6.9054, 8.9333,
5.9033

■ 101.0777,
115.9210, 103.0865

■ 3.4488, 4.6977,
2.7185

128.9118,
146.8661, 132.6908

■ 1.3953, 2.0710,
0.9527

161.4371,
182.8796, 167.4810

■ 0.2529, 0.6482,
0.0000

199.0191,

■ 0.0000, 0.0000,

224.3460, 207.8757

0.0000

242.0230,
271.6496, 254.2933

■ 29.3472, 35.1375,
28.1571

■ 29.3472, 35.1375,
28.1571

■ 26.1535, 33.6175,
22.3439

■ 32.9894, 36.8695,
34.9556

■ 23.3878, 32.2968,
17.4680

■ 37.0938, 38.8164,
42.7798

■ 21.0323, 31.1683,
13.4811


■ 41.6771, 40.9872,
51.6704


■ 19.0668, 30.2228,
10.3295


■ 46.7542, 43.3886,
61.6655


■ 17.4694, 29.4502,
7.9537


■ 52.3395, 46.0272,
72.8011


 16.2156, 28.8394,
6.2864


 58.4467, 48.9094,
85.1116


 15.2779, 28.3780,
5.2488

 65.0889, 52.0412,
98.6302

 14.6124, 28.0468,
4.6836

 70.0101, 54.5211,
101.4414

 14.5655, 28.0235,
4.6414

 73.1094, 56.1189,
101.5865

Harmonies

Analogous

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



31.7133, 35.1375, 24.6033



29.3472, 35.1375, 28.1571



28.0989, 35.1375, 34.7659

Triad

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



29.3472, 35.1375, 28.1571



32.1541, 35.1375, 56.6649



39.1872, 35.1375, 33.5597

Complementary

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



29.3472, 35.1375, 28.1571



30.1377, 27.5926, 40.2986

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.



39.3228, 35.1375, 41.9781



29.3472, 35.1375, 28.1571



35.1395, 35.1375, 56.2132

Square

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



29.3472, 35.1375, 28.1571



29.6533, 35.1375, 51.6816



37.8035, 35.1375, 50.5267



37.4435, 35.1375, 27.3880

Rectangle

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



29.3472, 35.1375, 28.1571



28.0166, 35.1375, 40.4013



37.8035, 35.1375, 50.5267



39.4259, 35.1375, 36.1933

Sweetspot

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



29.3481, 35.1390, 28.1579



61.2345, 67.0506, 66.6812



32.8011, 34.9465, 27.9387



13.6040, 14.9576, 14.7338



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.



29.3481, 35.1390, 28.1579



50.0284, 61.7246, 45.7868



28.8099, 34.7893, 31.3963



7.5845, 8.4839, 8.0271



11.1807, 21.4611, 3.5531



0.3131, 0.5433, 0.0884

Inverse Universe

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



30.1377, 27.5926, 40.2986



51.7029, 45.6965, 71.5706



30.8134, 28.0291, 36.3463



7.6790, 7.5826, 9.4772



12.4805, 5.8174, 28.4406



0.3425, 0.1616, 0.6938

Previews

White Background



This preview shows how the XYZ color 29.3472, 35.1375, 28.1571 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 29.3472, 35.1375, 28.1571 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 29.3472, 35.1375, 28.1571

Background



This preview shows how black text looks on a background with the XYZ color 29.3472, 35.1375, 28.1571.



This preview shows how white text looks on a background with the XYZ color 29.3472, 35.1375,

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

29.3472, 35.1375, 28.1571

Protanopia

32.8571, 34.8700, 26.4716

Deuteranopia

35.6715, 35.0135, 28.9229



Tritanopia

32.7731, 35.1926, 45.1099

Trichromacy



Original Color

29.3472, 35.1375, 28.1571

Protanomaly

31.3833, 34.8775, 26.9078

Deuteranomaly

33.0619, 34.9272, 28.6660

Tritanomaly

31.4747, 35.2000, 38.3931

Monochromacy



Original Color

29.3472, 35.1375, 28.1571

Achromatopsia

31.5995, 33.2452, 36.2040

Achromatomaly

30.6786, 33.8590, 32.9355

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.3472, 35.1375, 28.1571 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, 167, 135)` looks like.

```
.text, #text, p{  
    color:rgb(142, 167, 135)  
}
```

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, 167, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 167, 135) }
```

Border

The CSS property to change the border of an element to XYZ 29.3472, 35.1375, 28.1571 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, 167, 135) }
```


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

```
.border{ border-color:rgb(142, 167, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 167, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 167, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 167, 135);  
box-shadow:4px 4px 4px 4px rgb(142, 167,  
135) }
```

Background

The CSS property to change the background color of an element to XYZ 29.3472, 35.1375, 28.1571 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 167, 135) }
```

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

```
.background{ background-color: rgb(142,  
167, 135) }
```

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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