

Converting Colors

XYZ(26.3610, 29.8480, 34.5226)

Have a look what the booklet for
XYZ(26.3610, 29.8480, 34.5226)
contains.

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Color

**XYZ(26.3469, 29.8282,
34.5058)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|-----------------------------|
| Hex | 829999 |
| RGB | 130, 153, 153 |
| RGB Percent | 51%, 60%, 60% |
| CMY | 0.4902, 0.4000, 0.4000 |
| CMYK | 0.15, 0.00, 0.00, 0.40 |
| HSL | 180°, 10%, 55% |
| HSV | 180°, 15%, 60% |
| XYZ | 26.3469, 29.8282, 34.5058 |
| YIQ | 146.1230, -13.7080, -4.8760 |

Conversions

Conversions Part 2

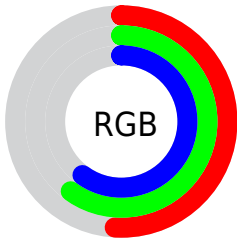
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 130, 142, 153 |
| Decimal | 8559001 |
| CIE _{Lab} | 61.51, -8.06, -2.73 |
| CIE _{LCh} | 62, 8.512, 198.673 |
| Yxy | 29.8282, 0.2905, 0.3289 |
| Android (android.graphics.Color) | 4286749081 (0xFF829999) |
| YUV | 146.1230, 3.3904, -14.1399 |
| Hunter-Lab | 54.6152, -9.4665, 0.7713 |

Details

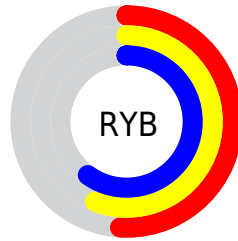
The XYZ color **26.3469, 29.8282, 34.5058** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **25.1498, 24.3500, 24.4948**, and the grayscale version is **27.3633, 28.7883, 31.3504**.

A 20% lighter version of the original color is **53.1037, 59.1979, 67.6590**, and **10.4579, 12.1675, 14.3677** is the 20% darker color. If you saturate the color by 10%, you get **24.1725, 28.7081, 34.4040**, and if you desaturate by 10%, it is **28.8720, 31.1307, 34.6252**.

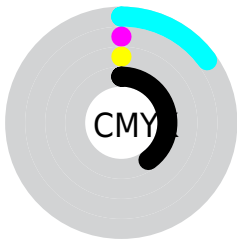
Distribution



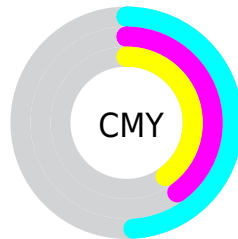
- Red (51%)
- Green (60%)
- Blue (60%)



- Red (51%)
- Yellow (56%)
- Blue (60%)



- Cyan (15%)
- Magenta (0%)
- Yellow (0%)
- Black (40%)



- Cyan (49%)
- Magenta (40%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.3469, 29.8282, 34.5058 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 26.3469, 29.8282, 34.5058 by changing the saturation by 10% instead.

■ 26.3469, 29.8282,
34.5058

■ 26.3469, 29.8282,
34.5058

276.7064,
301.1028, 337.2193

■ 17.2174, 19.7082,
23.0019

■ 53.2614, 59.3904,
67.8623

■ 10.4859, 12.1831,
14.3896

■ 71.7770, 79.6014,
90.5521

■ 5.7870, 6.8685,
8.2503

■ 94.1521, 103.9448,
117.8075

■ 2.7554, 3.3800,
4.1655

120.7520,
132.8051, 150.0472

■ 1.0258, 1.3332,
1.7166

151.9420,
166.5667, 187.6897

■ 0.0000, 0.1667,
0.3720

188.0875,

■ 0.0000, 0.0000,

205.6139, 231.1535

0.0000

229.5539,
250.3312, 280.8572

■ 26.3469, 29.8282,
34.5058

■ 26.3469, 29.8282,
34.5058

■ 24.1725, 28.7081,
34.4040

■ 28.8720, 31.1307,
34.6252

■ 22.3309, 27.7587,
34.3172

■ 31.7597, 32.6194,
34.7610

■ 20.8064, 26.9728,
34.2452

■ 35.0244, 34.3024,
34.9144

■ 19.5812, 26.3412,
34.1873

■ 38.6790, 36.1864,
35.0861

■ 18.6356, 25.8538,
34.1424

■ 42.7357, 38.2777,
35.2766

■ 17.9476, 25.4991,
34.1095

■ 47.2064, 40.5824,
35.4865

■ 17.4918, 25.2641,
34.0876

■ 52.1022, 43.1062,
35.7162

■ 17.2358, 25.1322,
34.0749

■ 57.4340, 45.8548,
35.9664

■ 17.1406, 25.0831,
34.0702

■ 58.3827, 46.3440,
36.0114

Harmonies

Analogous

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



26.2785, 29.8282, 31.2740



26.3469, 29.8282, 34.5058



26.9437, 29.8282, 37.3652

Triad

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



26.3469, 29.8282, 34.5058



30.0096, 29.8282, 36.7512



28.7786, 29.8282, 26.7644

Complementary

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



26.3469, 29.8282, 34.5058



25.1498, 24.3500, 24.4948

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.



29.8061, 29.8282, 28.0364



26.3469, 29.8282, 34.5058



30.5293, 29.8282, 33.7121

Square

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



26.3469, 29.8282, 34.5058



29.0503, 29.8282, 38.7196



30.4538, 29.8282, 30.5309



27.6626, 29.8282, 26.9457

Rectangle

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



26.3469, 29.8282, 34.5058



27.5699, 29.8282, 38.6092



30.4538, 29.8282, 30.5309



29.1463, 29.8282, 27.0326

Sweetspot

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



26.3478, 29.8294, 34.5065



51.6726, 55.7327, 62.0054



24.6862, 29.1716, 25.4491



11.3415, 12.2711, 13.6881



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.



26.3478, 29.8294, 34.5065



45.8215, 52.7164, 61.7301



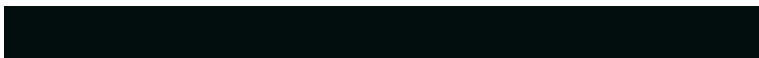
24.6122, 26.3579, 33.9288



6.3846, 7.0266, 7.9486



14.1657, 20.7297, 28.1571



0.2118, 0.3099, 0.4210

Inverse Universe

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



25.1498, 24.3500, 24.4948



43.2612, 41.0056, 40.3328



26.7093, 27.4692, 25.0139



6.2088, 6.2227, 6.4798



10.8575, 5.5972, 0.5085



0.1623, 0.0837, 0.0076

Previews

White Background



This preview shows how the XYZ color 26.3469, 29.8282, 34.5058 looks on a white background.

Color Contrast Check

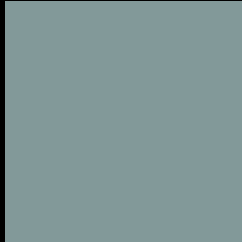
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.3469, 29.8282, 34.5058 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

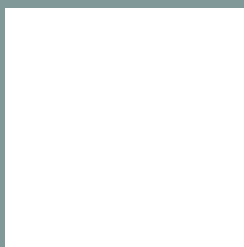
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.3469, 29.8282, 34.5058

Background



This preview shows how black text looks on a background with the XYZ color 26.3469, 29.8282, 34.5058.



This preview shows how white text looks on a background with the XYZ color 26.3469, 29.8282,

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

26.3469, 29.8282, 34.5058

Protanopia

28.5164, 29.5535, 33.0556

Deuteranopia

30.3869, 29.7867, 35.1582



Tritanopia

27.1932, 29.6831, 38.9465

Trichromacy



Original Color

26.3469, 29.8282, 34.5058

Protanomaly

27.6611, 29.5689, 33.5276

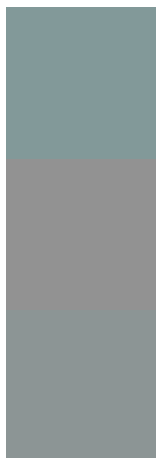
Deuteranomaly

28.6609, 29.5901, 34.7727

Tritanomaly

26.8463, 29.7850, 37.1350

Monochromacy



Original Color

26.3469, 29.8282, 34.5058

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

26.9875, 29.2403, 32.6553

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.3469, 29.8282, 34.5058 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(130, 153, 153)` looks like.

```
.text, #text, p{  
    color:rgb(130, 153, 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(130, 153, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 153, 153) }
```

Border

The CSS property to change the border of an element to XYZ 26.3469, 29.8282, 34.5058 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(130, 153, 153) }
```


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

```
.border{ border-color:rgb(130, 153, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 153, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 153, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 153, 153);  
box-shadow:4px 4px 4px 4px rgb(130, 153,  
153) }
```

Background

The CSS property to change the background color of an element to XYZ 26.3469, 29.8282, 34.5058 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 153, 153) }
```

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

```
.background{ background-color: rgb(130,  
153, 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](#).

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