

Converting Colors

XYZ(26.4351, 29.8171, 34.1465)

Have a look what the booklet for
XYZ(26.4351, 29.8171, 34.1465)
contains.

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Color

**XYZ(26.4188, 29.8748,
34.0797)**

Conversions

Conversions Part 1

Format	Color
Hex	839998
RGB	131, 153, 152
RGB Percent	51%, 60%, 60%
CMY	0.4863, 0.4000, 0.4039
CMYK	0.14, 0.00, 0.01, 0.40
HSL	177°, 10%, 56%
HSV	177°, 14%, 60%
XYZ	26.4188, 29.8748, 34.0797
YIQ	146.3080, -12.7910, -4.9750

Conversions

Conversions Part 2

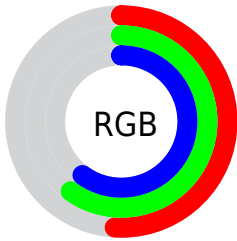
Format	Color
R_{YB}	131, 142, 153
Decimal	8624536
CIE _{Lab}	61.55, -7.94, -2.09
CIE _{LCh}	62, 8.213, 194.759
Yxy	29.8748, 0.2923, 0.3306
Android (android.graphics.Color)	4286814616 (0xFF839998)
YUV	146.3080, 2.8062, -13.4251
Hunter-Lab	54.6578, -9.3735, 1.2926

Details

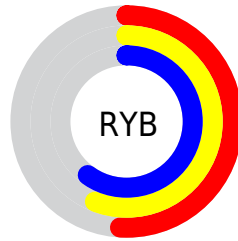
The XYZ color **26.4188, 29.8748, 34.0797** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **25.4191, 24.6716, 25.2535**, and the grayscale version is **27.4413, 28.8704, 31.4398**.

A 20% lighter version of the original color is **53.2206, 59.2722, 67.0282**, and **10.4937, 12.1917, 14.1121** is the 20% darker color. If you saturate the color by 10%, you get **24.1652, 28.7204, 33.6776**, and if you desaturate by 10%, it is **29.0244, 31.2122, 34.5012**.

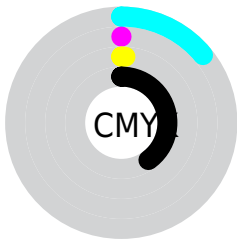
Distribution



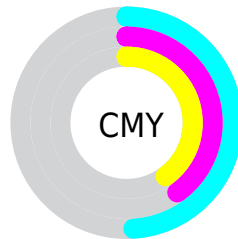
- Red (51%)
- Green (60%)
- Blue (60%)



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



- Cyan (14%)
- Magenta (0%)
- Yellow (1%)
- Black (40%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.4188, 29.8748, 34.0797 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 26.4188, 29.8748, 34.0797 by changing the saturation by 10% instead.

■ 26.4188, 29.8748,
34.0797

■ 26.4188, 29.8748,
34.0797

277.0511,
301.3204, 335.2673

■ 17.2715, 19.7436,
22.6770

■ 53.3763, 59.4641,
67.1929

■ 10.5248, 12.2088,
14.1521

■ 71.9173, 79.6910,
89.7405

■ 5.8132, 6.8860,
8.0866

■ 94.3201, 104.0519,
116.8400

■ 2.7714, 3.3909,
4.0618

120.9503,
132.9312, 148.9102

■ 1.0341, 1.3391,
1.6593

152.1731,
166.7133, 186.3695

■ 0.0000, 0.1712,
0.3326

188.3540,

■ 0.0000, 0.0000,

205.7827, 229.6364

0.0000

229.8582,
250.5235, 279.1295

■ 26.4188, 29.8748,
34.0797

■ 26.4188, 29.8748,
34.0797

■ 24.1652, 28.7204,
33.6776

■ 29.0244, 31.2122,
34.5012

■ 22.2458, 27.7374,
33.2923

■ 31.9939, 32.7364,
34.9410

■ 20.6450, 26.9187,
32.9237

■ 35.3415, 34.4554,
35.4001

■ 19.3450, 26.2550,
32.5709

■ 39.0801, 36.3761,
35.8793

■ 18.3263, 25.7362,
32.2329

■ 43.2221, 38.5045,
36.3792

■ 17.5670, 25.3512,
31.9089

■ 47.7790, 40.8469,
36.9002

■ 17.0420, 25.0869,
31.5975

■ 52.7622, 43.4090,
37.4430

■ 16.7208, 24.9276,
31.2975

■ 58.1824, 46.1963,
38.0080

■ 16.5826, 24.8599,
31.1316

■ 58.8271, 46.5217,
38.3513

Harmonies

Analogous

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



26.4231, 29.8748, 30.9781



26.4188, 29.8748, 34.0797



26.9346, 29.8748, 36.9346

Triad

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



26.4188, 29.8748, 34.0797



29.8945, 29.8748, 36.9734



28.9489, 29.8748, 27.0810

Complementary

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



26.4188, 29.8748, 34.0797



25.4191, 24.6716, 25.2535

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.



29.9074, 29.8748, 28.4877



26.4188, 29.8748, 34.0797



30.4628, 29.8748, 34.1300

Square

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



26.4188, 29.8748, 34.0797



28.9317, 29.8748, 38.6763



30.4676, 29.8748, 31.0253



27.8652, 29.8748, 27.0695

Rectangle

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



26.4188, 29.8748, 34.0797



27.5119, 29.8748, 38.2575



30.4676, 29.8748, 31.0253



29.2970, 29.8748, 27.4022

Sweetspot

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



26.4197, 29.8760, 34.0804



52.1274, 55.9720, 61.8080



25.0202, 29.3361, 25.8169



11.4326, 12.3193, 13.6358



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.



26.4197, 29.8760, 34.0804



46.0549, 52.8572, 60.8145



24.9482, 26.8011, 33.9967



6.3724, 7.0217, 7.8846



13.7079, 20.5466, 25.7463



0.2081, 0.3085, 0.4018

Inverse Universe

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



25.4191, 24.6716, 25.2535



43.9382, 41.8464, 42.1404



26.7448, 27.4323, 25.3586



6.2196, 6.2270, 6.5367



10.8924, 5.6112, 0.6925



0.1655, 0.0850, 0.0244

Previews

White Background



This preview shows how the XYZ color 26.4188, 29.8748, 34.0797 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 26.4188, 29.8748, 34.0797 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

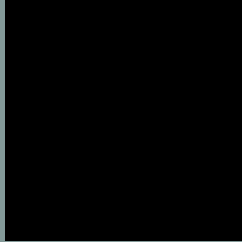
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

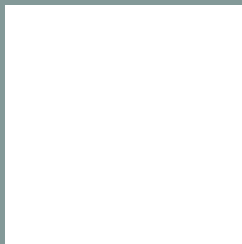
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.4188, 29.8748, 34.0797

Background



This preview shows how black text looks on a background with the XYZ color 26.4188, 29.8748, 34.0797.

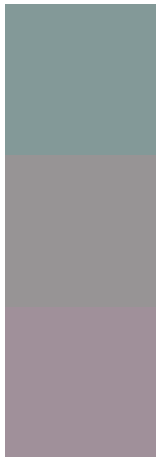


This preview shows how white text looks on a background with the XYZ color 26.4188, 29.8748,

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

26.4188, 29.8748, 34.0797

Protanopia

28.7772, 29.9290, 32.6939

Deuteranopia

30.3032, 29.7532, 34.7176



Tritanopia

27.3503, 29.7641, 38.9539

Trichromacy



Original Color

26.4188, 29.8748, 34.0797

Protanomaly

27.9130, 29.9440, 33.1628

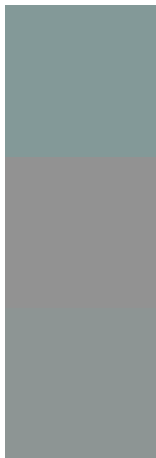
Deuteranomaly

28.5779, 29.5569, 34.3358

Tritanomaly

27.0020, 29.8652, 37.1423

Monochromacy



Original Color

26.4188, 29.8748, 34.0797

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

27.0772, 29.2957, 32.2445

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.4188, 29.8748, 34.0797 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(131, 153, 152)` looks like.

```
.text, #text, p{  
    color:rgb(131, 153, 152)  
}
```

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(131, 153, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 153, 152) }
```

Border

The CSS property to change the border of an element to XYZ 26.4188, 29.8748, 34.0797 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(131, 153, 152) }
```


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

```
.border{ border-color:rgb(131, 153, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 153, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 153, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 153, 152);  
box-shadow:4px 4px 4px 4px rgb(131, 153,  
152) }
```

Background

The CSS property to change the background color of an element to XYZ 26.4188, 29.8748, 34.0797 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 153, 152) }
```

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

```
.background{ background-color: rgb(131,  
153, 152) }
```

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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