

Converting Colors

XYZ(26.4617, 31.0787, 37.1336)

Have a look what the booklet for
XYZ(26.4617, 31.0787, 37.1336)
contains.

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Color

**XYZ(26.4245, 31.0599,
36.9502)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 7A9E9E |
| RGB | 122, 158, 158 |
| RGB Percent | 48%, 62%, 62% |
| CMY | 0.5216, 0.3804, 0.3804 |
| CMYK | 0.23, 0.00, 0.00, 0.38 |
| HSL | 180°, 16%, 55% |
| HSV | 180°, 23%, 62% |
| XYZ | 26.4245, 31.0599, 36.9502 |
| YIQ | 147.2360, -21.4560, -7.6320 |

Conversions

Conversions Part 2

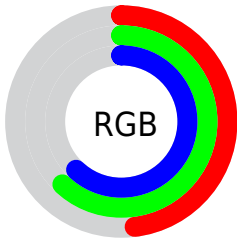
| Format | Color |
|-------------------------------------|---|
| RYB | 122, 140, 158 |
| Decimal | 8035998 |
| CIELab | 62.56, -12.28, -4.06 |
| CIElCh | 63, 12.934, 198.283 |
| Yxy | 31.0599, 0.2798, 0.3289 |
| Android (android.graphics.Color) | 4286226078 (0xFF7A9E9E) |
| YUV | 147.2360, 5.3067, -22.1320 |
| Hunter-Lab | 55.7314, -12.8959, -0.2976 |

Details

The XYZ color **26.4245, 31.0599, 36.9502** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **24.5741, 22.5943, 21.4797**, and the grayscale version is **27.8166, 29.2653, 31.8699**.

A 20% lighter version of the original color is **53.4837, 61.5066, 72.0039**, and **10.5840, 12.9546, 15.8526** is the 20% darker color. If you saturate the color by 10%, you get **24.3669, 30.0000, 36.8542**, and if you desaturate by 10%, it is **28.8477, 32.3099, 37.0646**.

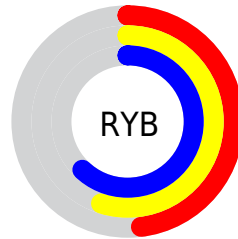
Distribution



Red (48%)

Green (62%)

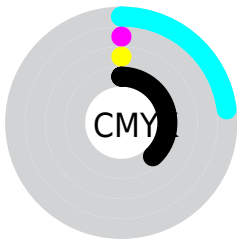
Blue (62%)



Red (48%)

Yellow (55%)

Blue (62%)

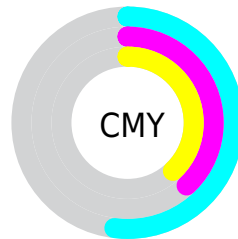


Cyan (23%)

Magenta (0%)

Yellow (0%)

Black (38%)



Cyan (52%)

Magenta (38%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.4245, 31.0599, 36.9502 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 26.4245, 31.0599, 36.9502 by changing the saturation by 10% instead.

■ 26.4245, 31.0599,
36.9502

■ 26.4245, 31.0599,
36.9502

277.0784,
306.8142, 348.2571

■ 17.2758, 20.6445,
24.8735

■ 53.3854, 61.3344,
71.6817

■ 10.5279, 12.8644,
15.7646

■ 71.9284, 81.9622,
95.1734

■ 5.8153, 7.3352,
9.2052

■ 94.3335, 106.7629,
123.3073

■ 2.7727, 3.6726,
4.7766

120.9660,
136.1210, 156.5018

■ 1.0347, 1.4922,
2.0604

152.1915,
170.4207, 195.1755

■ 0.0000, 0.2832,
0.5920

188.3751,

■ 0.0000, 0.0000,

210.0466, 239.7469

0.0000

229.8823,
255.3829, 290.6346

■ 26.4245, 31.0599,
36.9502

■ 26.4245, 31.0599,
36.9502

■ 24.3669, 30.0000,
36.8542

■ 28.8477, 32.3099,
37.0646

■ 22.6545, 29.1172,
36.7737

■ 31.6501, 33.7546,
37.1962

■ 21.2694, 28.4032,
36.7085

■ 34.8481, 35.4032,
37.3462

■ 20.1906, 27.8470,
36.6576

■ 38.4561, 37.2632,
37.5154

■ 19.3950, 27.4369,
36.6200

■ 42.4878, 39.3416,
37.7045

■ 18.8559, 27.1590,
36.5944

■ 46.9566, 41.6453,
37.9140

■ 18.5419, 26.9971,
36.5793

■ 51.8748, 44.1808,
38.1445

■ 18.3985, 26.9232,
36.5723

■ 57.2547, 46.9542,
38.3967

■ 59.6397, 48.1837,
38.5087

Harmonies

Analogous

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



26.3315, 31.0599, 31.8894



26.4245, 31.0599, 36.9502



27.3271, 31.0599, 41.5784

Triad

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



26.4245, 31.0599, 36.9502



32.1193, 31.0599, 40.6844



30.2138, 31.0599, 25.1919

Complementary

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



26.4245, 31.0599, 36.9502



24.5741, 22.5943, 21.4797

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.



31.8303, 31.0599, 27.0905



26.4245, 31.0599, 36.9502



32.9593, 31.0599, 35.8248

Square

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



26.4245, 31.0599, 36.9502



30.5955, 31.0599, 43.8775



32.8515, 31.0599, 30.8698



28.4729, 31.0599, 25.4286

Rectangle

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



26.4245, 31.0599, 36.9502



28.2874, 31.0599, 43.6416



32.8515, 31.0599, 30.8698



30.7910, 31.0599, 25.5932

Sweetspot

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



26.4254, 31.0612, 36.9509



55.1728, 60.1093, 67.4373



23.8520, 30.0416, 22.9546



12.3760, 13.5193, 15.2007



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



26.4254, 31.0612, 36.9509



46.1331, 55.4492, 67.0129



23.6646, 25.5393, 36.0314



6.8219, 7.5095, 8.4965



14.7347, 21.5618, 29.2895



0.2635, 0.3855, 0.5237

Inverse Universe

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



24.5741, 22.5943, 21.4797



42.2065, 37.4910, 34.1984



26.9052, 27.2567, 22.2561



6.6331, 6.6462, 6.9190



11.2931, 5.8218, 0.5287



0.2019, 0.1041, 0.0095

Previews

White Background



This preview shows how the XYZ color 26.4245, 31.0599, 36.9502 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 26.4245, 31.0599, 36.9502 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

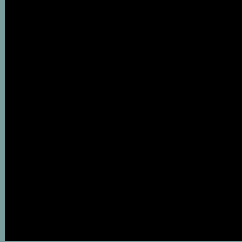
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 26.4245, 31.0599, 36.9502

Background



This preview shows how black text looks on a background with the XYZ color 26.4245, 31.0599, 36.9502.

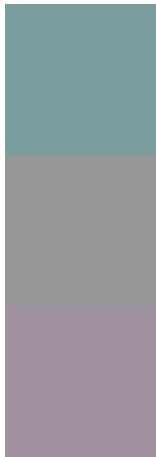


This preview shows how white text looks on a background with the XYZ color 26.4245, 31.0599,

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

26.4245, 31.0599, 36.9502

Protanopia

29.7930, 30.8849, 34.5281

Deuteranopia

31.3220, 30.6729, 37.5273



Tritanopia

27.3621, 30.9266, 42.0634

Trichromacy



Original Color

26.4245, 31.0599, 36.9502

Protanomaly

28.4630, 30.8998, 35.4744

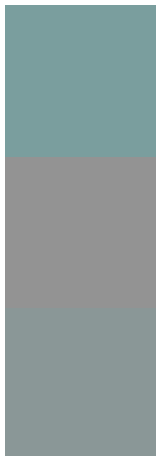
Deuteranomaly

29.1970, 30.5189, 37.1528

Tritanomaly

27.0169, 31.0415, 40.1650

Monochromacy



Original Color

26.4245, 31.0599, 36.9502

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

27.1338, 29.7709, 33.5944

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.4245, 31.0599, 36.9502 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(122, 158, 158)` looks like.

```
.text, #text, p{  
    color:rgb(122, 158, 158)  
}
```

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(122, 158, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 158, 158) }
```

Border

The CSS property to change the border of an element to XYZ 26.4245, 31.0599, 36.9502 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(122, 158, 158) }
```


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

```
.border{ border-color:rgb(122, 158, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 158, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 158, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 158, 158);  
box-shadow:4px 4px 4px 4px rgb(122, 158,  
158) }
```

Background

The CSS property to change the background color of an element to XYZ 26.4245, 31.0599, 36.9502 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 158, 158) }
```

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

```
.background{ background-color: rgb(122,  
158, 158) }
```

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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