

Converting Colors

XYZ(26.2904, 30.0335, 34.9832)

Have a look what the booklet for
XYZ(26.2904, 30.0335, 34.9832)
contains.

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Color

**XYZ(26.2904, 30.0335,
34.9832)**

Conversions

Conversions Part 1

Format	Color
Hex	809A9A
RGB	128, 154, 154
RGB Percent	50%, 60%, 60%
CMY	0.4980, 0.3961, 0.3961
CMYK	0.17, 0.00, 0.00, 0.40
HSL	180°, 11%, 55%
HSV	180°, 17%, 60%
XYZ	26.2904, 30.0335, 34.9832
YIQ	146.2260, -15.4960, -5.5120

Conversions

Conversions Part 2

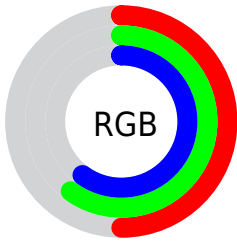
Format	Color
R _Y B	128, 141, 154
Decimal	8428186
CIE Lab	61.68, -9.06, -3.05
CIE LCh	62, 9.560, 198.576
Yxy	30.0335, 0.2879, 0.3289
Android (android.graphics.Color)	4286618266 (0xFF809A9A)
YUV	146.2260, 3.8326, -15.9842
Hunter-Lab	54.8028, -10.2737, 0.5144

Details

The XYZ color **26.2904, 30.0335, 34.9832** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **24.9429, 23.8677, 23.7156**, and the grayscale version is **27.4043, 28.8315, 31.3975**.

A 20% lighter version of the original color is **52.9971, 59.4896, 68.3639**, and **10.4403, 12.2995, 14.6557** is the 20% darker color. If you saturate the color by 10%, you get **24.1477, 28.9297, 34.8829**, and if you desaturate by 10%, it is **28.7865, 31.3210, 35.1013**.

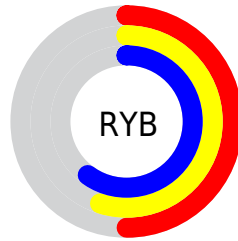
Distribution



Red (50%)

Green (60%)

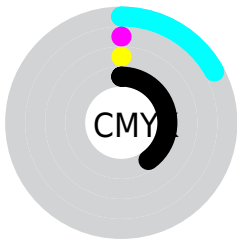
Blue (60%)



Red (50%)

Yellow (55%)

Blue (60%)

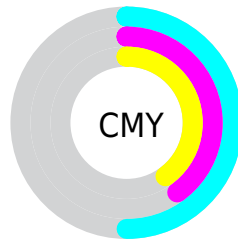


Cyan (17%)

Magenta (0%)

Yellow (0%)

Black (40%)



Cyan (50%)

Magenta (40%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.2904, 30.0335, 34.9832 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 26.2904, 30.0335, 34.9832 by changing the saturation by 10% instead.

■ 26.2904, 30.0335,
34.9832

■ 26.2904, 30.0335,
34.9832

276.4354,
302.0606, 339.3962

■ 17.1748, 19.8640,
23.3665

■ 53.1710, 59.7152,
68.6110

■ 10.4553, 12.2962,
14.6565

■ 71.6668, 79.9961,
91.4592

■ 5.7664, 6.9458,
8.4347

■ 94.0200, 104.4164,
118.8883

■ 2.7429, 3.4282,
4.2826

120.5961,
133.3603, 151.3168

■ 1.0193, 1.3592,
1.7816

151.7603,
167.2123, 189.1633

■ 0.0000, 0.1863,
0.4158

187.8780,

■ 0.0000, 0.0000,

206.3567, 232.8464

0.0000

229.3146,
251.1780, 282.7845

■ 26.2904, 30.0335,
34.9832

■ 26.2904, 30.0335,
34.9832

■ 24.1477, 28.9297,
34.8829

■ 28.7865, 31.3210,
35.1013

■ 22.3399, 27.9978,
34.7977

■ 31.6481, 32.7962,
35.2358

■ 20.8510, 27.2302,
34.7274

■ 34.8900, 34.4675,
35.3881

■ 19.6623, 26.6174,
34.6712

■ 38.5255, 36.3417,
35.5589

■ 18.7536, 26.1490,
34.6281

■ 42.5672, 38.4252,
35.7486

■ 18.1019, 25.8131,
34.5970

■ 47.0271, 40.7244,
35.9579

■ 17.6807, 25.5959,
34.5767

■ 51.9167, 43.2451,
36.1874

■ 17.4481, 25.4760,
34.5652

■ 57.2471, 45.9930,
36.4374

■ 17.3880, 25.4451,
34.5622

■ 58.6300, 46.7059,
36.5028

Harmonies

Analogous

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



26.2157, 30.0335, 31.3339



26.2904, 30.0335, 34.9832



26.9586, 30.0335, 38.2381

Triad

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



26.2904, 30.0335, 34.9832



30.4189, 30.0335, 37.5567



29.0330, 30.0335, 26.3066

Complementary

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



26.2904, 30.0335, 34.9832



24.9429, 23.8677, 23.7156

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.



30.1944, 30.0335, 27.7267



26.2904, 30.0335, 34.9832



31.0103, 30.0335, 34.1081

Square

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



26.2904, 30.0335, 34.9832



29.3319, 30.0335, 39.7983



30.9269, 30.0335, 30.5210



27.7741, 30.0335, 26.5026

Rectangle

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



26.2904, 30.0335, 34.9832



27.6621, 30.0335, 39.6628



30.9269, 30.0335, 30.5210



29.4484, 30.0335, 26.6063

Sweetspot

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



26.2913, 30.0347, 34.9839



53.1682, 57.3470, 63.8025



24.4202, 29.2938, 24.7897



11.9609, 12.9423, 14.4379



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



26.2913, 30.0347, 34.9839



46.3171, 53.8152, 63.4802



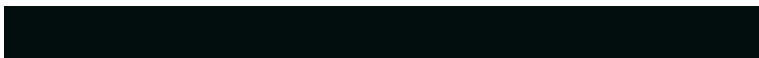
24.3246, 26.1010, 34.3293



6.3846, 7.0266, 7.9486



14.1658, 20.7298, 28.1574



0.2118, 0.3099, 0.4210

Inverse Universe

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



24.9429, 23.8677, 23.7156



43.4289, 40.6047, 39.3425



26.6849, 27.3518, 24.2955



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 26.2904, 30.0335, 34.9832 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 26.2904, 30.0335, 34.9832 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

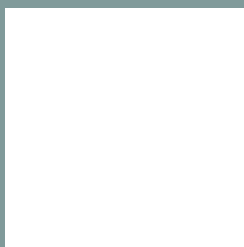
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.2904, 30.0335, 34.9832

Background



This preview shows how black text looks on a background with the XYZ color 26.2904, 30.0335, 34.9832.

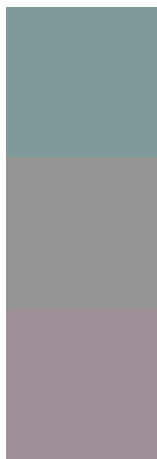


This preview shows how white text looks on a background with the XYZ color 26.2904, 30.0335,

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

26.2904, 30.0335, 34.9832

Protanopia

28.8574, 29.9611, 33.1163

Deuteranopia

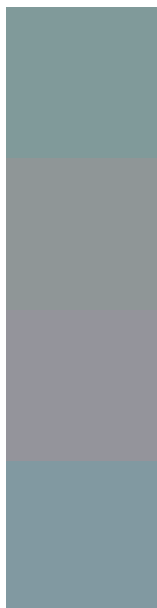
30.4712, 29.8204, 35.6024



Tritanopia

27.2257, 29.9189, 39.9373

Trichromacy



Original Color

26.2904, 30.0335, 34.9832

Protanomaly

27.8200, 29.8867, 33.5806

Deuteranomaly

28.7190, 29.8423, 35.2568

Tritanomaly

26.8775, 30.0228, 38.0966

Monochromacy



Original Color

26.2904, 30.0335, 34.9832

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

26.8197, 29.1538, 32.6475

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.2904, 30.0335, 34.9832 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(128, 154, 154)` looks like.

```
.text, #text, p{  
    color:rgb(128, 154, 154)  
}
```

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(128, 154, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 154, 154) }
```

Border

The CSS property to change the border of an element to XYZ 26.2904, 30.0335, 34.9832 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(128, 154, 154) }
```


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

```
.border{ border-color:rgb(128, 154, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 154, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 154, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 154, 154);  
box-shadow:4px 4px 4px 4px rgb(128, 154,  
154) }
```

Background

The CSS property to change the background color of an element to XYZ 26.2904, 30.0335, 34.9832 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 154, 154) }
```

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

```
.background{ background-color: rgb(128,  
154, 154) }
```

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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