

Converting Colors

XYZ(26.8859, 29.8642, 39.3751)

Have a look what the booklet for
XYZ(26.8859, 29.8642, 39.3751)
contains.

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Color

**XYZ(26.8312, 29.7260,
39.4455)**

Conversions

Conversions Part 1

Format	Color
Hex	8098A4
RGB	128, 152, 164
RGB Percent	50%, 60%, 64%
CMY	0.4980, 0.4039, 0.3569
CMYK	0.22, 0.07, 0.00, 0.36
HSL	200°, 17%, 57%
HSV	200°, 22%, 64%
XYZ	26.8312, 29.7260, 39.4455
YIQ	146.1920, -18.1560, -1.3560

Conversions

Conversions Part 2

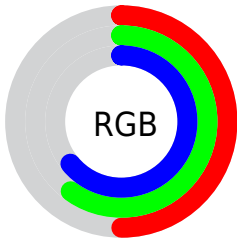
Format	Color
RYB	128, 142, 164
Decimal	8427684
CIELab	61.42, -5.70, -9.10
CIELCh	61, 10.734, 237.944
Yxy	29.7260, 0.2795, 0.3096
Android (android.graphics.Color)	4286617764 (0xFF8098A4)
YUV	146.1920, 8.7793, -15.9544
Hunter-Lab	54.5216, -7.5691, -4.7303

Details

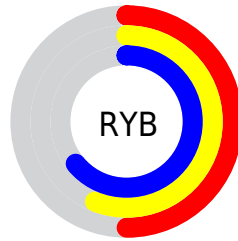
The XYZ color **26.8312, 29.7260, 39.4455** is a light color, and the websafe version is hex **999999**. A complement of this color would be **28.5846, 28.2074, 24.3608**, and the grayscale version is **27.3715, 28.7970, 31.3599**.

A 20% lighter version of the original color is **53.9135, 59.0808, 75.5800**, and **10.7202, 12.0969, 17.0992** is the 20% darker color. If you saturate the color by 10%, you get **23.6944, 26.8228, 39.0509**, and if you desaturate by 10%, it is **30.4094, 32.9189, 39.8737**.

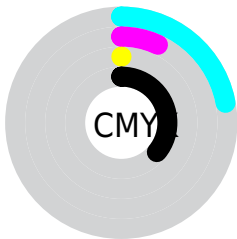
Distribution



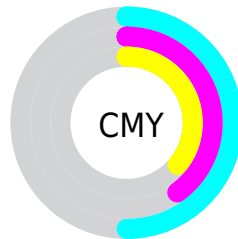
- Red (50%)
- Green (60%)
- Blue (64%)



- Red (50%)
- Yellow (56%)
- Blue (64%)



- Cyan (22%)
- Magenta (7%)
- Yellow (0%)
- Black (36%)



- Cyan (50%)
- Magenta (40%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.8312, 29.7260, 39.4455 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 26.8312, 29.7260, 39.4455 by changing the saturation by 10% instead.

■ 26.8312, 29.7260,
39.4455

■ 26.8312, 29.7260,
39.4455

279.0214,
300.6252, 359.2632

■ 17.5824, 19.6307,
26.7960

■ 54.0347, 59.2286,
75.5462

■ 10.7485, 12.1269,
17.1890

■ 72.7201, 79.4047,
99.8345

■ 5.9640, 6.8302,
10.2059

■ 95.2818, 103.7098,
128.8395

■ 2.8637, 3.3561,
5.4283

122.0850,
132.5284, 162.9796

■ 1.0821, 1.3204,
2.4376

153.4953,
166.2449, 202.6736

■ 0.0100, 0.1569,
0.8068

189.8778,

■ 0.0000, 0.0000,

205.2435, 248.3398

0.0000

231.5981,
249.9088, 300.3968

■ 26.8312, 29.7260,
39.4455

■ 26.8312, 29.7260,
39.4455

■ 23.6944, 26.8228,
39.0509

■ 30.4094, 32.9189,
39.8737

■ 20.9766, 24.1949,
38.6869

■ 34.4447, 36.4082,
40.3345

■ 18.6576, 21.8315,
38.3530

■ 38.9553, 40.2048,
40.8296

■ 16.7140, 19.7199,
38.0478

■ 43.9575, 44.3179,
41.3598

■ 15.1201, 17.8459,
37.7701

■ 49.4669, 48.7562,
41.9261

■ 13.8463, 16.1935,
37.5183

■ 55.4983, 53.5281,
42.5293

■ 12.8581, 14.7439,
37.2906

■ 62.0659, 58.6417,
43.1702

■ 12.2061, 13.6907,
37.1217

■ 67.6202, 63.2988,
43.7764

■ 68.8734, 65.8054,
44.1941

Harmonies

Analogous

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



25.9129, 29.7260, 36.1651



26.8312, 29.7260, 39.4455



28.1560, 29.7260, 40.8136

Triad

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



26.8312, 29.7260, 39.4455



31.0668, 29.7260, 32.6475



26.9952, 29.7260, 25.9471

Complementary

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



26.8312, 29.7260, 39.4455



28.5846, 28.2074, 24.3608

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.



28.3516, 29.7260, 25.1737



26.8312, 29.7260, 39.4455



30.7313, 29.7260, 28.8437

Square

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



26.8312, 29.7260, 39.4455



30.6279, 29.7260, 36.6901



29.7255, 29.7260, 26.1897



26.0054, 29.7260, 28.3967

Rectangle

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



26.8312, 29.7260, 39.4455



29.1020, 29.7260, 40.3777



29.7255, 29.7260, 26.1897



27.4220, 29.7260, 25.4920

Sweetspot

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



26.8321, 29.7272, 39.4462



58.6213, 62.7360, 72.7719



26.8677, 33.0165, 29.5371



12.7287, 13.6399, 15.8994



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



26.8321, 29.7272, 39.4462



46.0224, 51.5030, 71.2678



24.2119, 24.4868, 38.5728



7.0763, 7.6116, 8.9993



9.4039, 10.5873, 28.4777



0.2382, 0.3037, 0.6119

Inverse Universe

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



28.6973, 25.5986, 33.1356



50.0264, 42.9227, 57.6573



31.3315, 33.7011, 25.2765



7.2635, 7.1618, 8.3739



13.8921, 6.9129, 11.8886



0.3124, 0.1535, 0.3578

Previews

White Background



This preview shows how the XYZ color 26.8312, 29.7260, 39.4455 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 26.8312, 29.7260, 39.4455 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

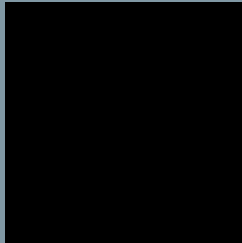
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

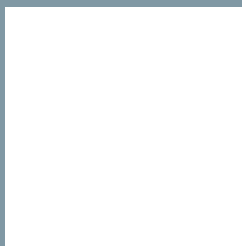
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.8312, 29.7260, 39.4455

Background



This preview shows how black text looks on a background with the XYZ color 26.8312, 29.7260, 39.4455.

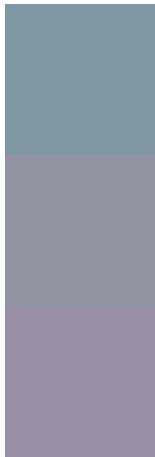


This preview shows how white text looks on a background with the XYZ color 26.8312, 29.7260,

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

26.8312, 29.7260, 39.4455

Protanopia

28.8994, 29.6437, 37.9169

Deuteranopia

30.1826, 29.5697, 40.1931



Tritanopia

26.8312, 29.7260, 39.4455

Trichromacy



Original Color

26.8312, 29.7260, 39.4455

Protanomaly

28.0843, 29.6790, 38.4308

Deuteranomaly

28.9023, 29.6038, 39.7881

Tritanomaly

26.8312, 29.7260, 39.4455

Monochromacy



Original Color

26.8312, 29.7260, 39.4455

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

26.9871, 28.9687, 34.3061

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.8312, 29.7260, 39.4455 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, 152, 164)` looks like.

```
.text, #text, p{  
    color:rgb(128, 152, 164)  
}
```

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, 152, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 152, 164) }
```

Border

The CSS property to change the border of an element to XYZ 26.8312, 29.7260, 39.4455 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, 152, 164) }
```


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

```
.border{ border-color:rgb(128, 152, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 152, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 152, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 152, 164);  
box-shadow:4px 4px 4px 4px rgb(128, 152,  
164) }
```

Background

The CSS property to change the background color of an element to XYZ 26.8312, 29.7260, 39.4455 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 152, 164) }
```

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

```
.background{ background-color: rgb(128,  
152, 164) }
```

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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