

Converting Colors

XYZ(24.5675, 29.0096, 29.8408)

Have a look what the booklet for
XYZ(24.5675, 29.0096, 29.8408)
contains.

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Color

**XYZ(24.5859, 29.0205,
29.8969)**

Conversions

Conversions Part 1

Format	Color
Hex	7C998E
RGB	124, 153, 142
RGB Percent	49%, 60%, 56%
CMY	0.5137, 0.4000, 0.4431
CMYK	0.19, 0.00, 0.07, 0.40
HSL	157°, 12%, 54%
HSV	157°, 19%, 60%
XYZ	24.5859, 29.0205, 29.8969
YIQ	143.0750, -13.7530, -9.5690

Conversions

Conversions Part 2

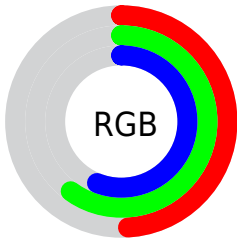
Format	Color
RYB	124, 142, 153
Decimal	8165774
CIELab	60.80, -12.45, 2.42
CIElCh	61, 12.686, 168.999
Yxy	29.0205, 0.2944, 0.3475
Android (android.graphics.Color)	4286355854 (0xFF7C998E)
YUV	143.0750, -0.5300, -16.7288
Hunter-Lab	53.8707, -12.8085, 4.8050

Details

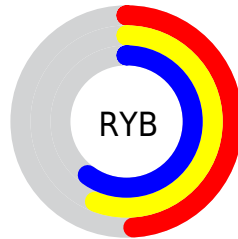
The XYZ color **24.5859, 29.0205, 29.8969** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **24.7187, 22.9377, 26.0475**, and the grayscale version is **26.1450, 27.5065, 29.9546**.

A 20% lighter version of the original color is **50.4081, 57.9583, 60.7548**, and **9.5848, 11.7713, 11.8921** is the 20% darker color. If you saturate the color by 10%, you get **22.1197, 27.7990, 27.5659**, and if you desaturate by 10%, it is **27.4196, 30.4304, 32.3648**.

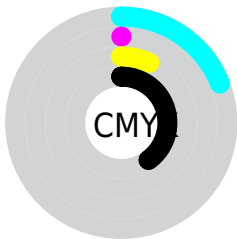
Distribution



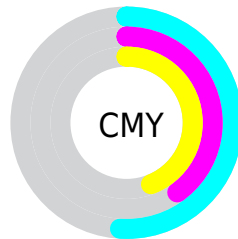
- Red (49%)
- Green (60%)
- Blue (56%)



- Red (49%)
- Yellow (56%)
- Blue (60%)



- Cyan (19%)
- Magenta (0%)
- Yellow (7%)
- Black (40%)



- Cyan (51%)
- Magenta (40%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.5859, 29.0205, 29.8969 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 24.5859, 29.0205, 29.8969 by changing the saturation by 10% instead.

■ 24.5859, 29.0205,
29.8969

■ 24.5859, 29.0205,
29.8969

268.1552,
297.3117, 315.6159

■ 15.8959, 19.0963,
19.5090

■ 50.4324, 58.1097,
60.5582

■ 9.5409, 11.7399,
11.8581

■ 68.3196, 78.0434,
81.6686

■ 5.1556, 6.5668,
6.5258

■ 90.0032, 102.0825,
107.1902

■ 2.3745, 3.1927,
3.0934

115.8486,
130.6113, 137.5417

■ 0.8324, 1.2332,
1.1425

146.2211,
164.0143, 173.1414

■ 0.0000, 0.0885,
0.0000

181.4862,

■ 0.0000, 0.0000,

202.6757, 214.4080

0.0000

222.0091,
246.9800, 261.7600

■ 24.5859, 29.0205,
29.8969

■ 24.5859, 29.0205,
29.8969

■ 22.1197, 27.7990,
27.5659

■ 27.4196, 30.4304,
32.3648

■ 20.0023, 26.7539,
25.3673

■ 30.6333, 32.0328,
34.9701

■ 18.2173, 25.8776,
23.2992

■ 34.2422, 33.8363,
37.7158

■ 16.7457, 25.1604,
21.3587

■ 38.2597, 35.8476,
40.6043

■ 15.5667, 24.5916,
19.5431

■ 42.6986, 38.0734,
43.6377

■ 14.6567, 24.1590,
17.8491

■ 47.5711, 40.5199,
46.8183

■ 13.9883, 23.8486,
16.2735

■ 52.8891, 43.1932,
50.1482

■ 13.5032, 23.6304,
14.8116

■ 58.6638, 46.0991,
53.6294

■ 13.4555, 23.6090,
14.6649

■ 62.3963, 47.9493,
57.1466

Harmonies

Analogous

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



25.2584, 29.0205, 26.0068



24.5859, 29.0205, 29.8969



24.6921, 29.0205, 34.6482

Triad

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



24.5859, 29.0205, 29.8969



28.6284, 29.0205, 40.9868



29.7163, 29.0205, 25.2279

Complementary

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



24.5859, 29.0205, 29.8969



24.7187, 22.9377, 26.0475

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.



30.6914, 29.0205, 28.7330



24.5859, 29.0205, 29.8969



30.0462, 29.0205, 37.9390

Square

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



24.5859, 29.0205, 29.8969



26.9824, 29.0205, 41.3780



30.8145, 29.0205, 33.3632



28.1927, 29.0205, 23.4956

Rectangle

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



24.5859, 29.0205, 29.8969



25.1913, 29.0205, 37.6652



30.8145, 29.0205, 33.3632



30.1217, 29.0205, 26.2207

Sweetspot

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



24.5867, 29.0217, 29.8975



50.6652, 55.2732, 59.2572



25.0407, 29.3995, 23.4242



11.1160, 12.1693, 13.0257



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.



24.5867, 29.0217, 29.8975



41.9628, 50.9467, 51.6322



24.9082, 28.2767, 34.2835



6.2852, 6.9868, 7.4251



11.1368, 19.5182, 12.2070



0.1841, 0.2988, 0.2752

Inverse Universe

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



24.7187, 22.9377, 26.0475



42.2468, 37.8825, 43.3678



24.4148, 23.5063, 22.3197



6.3009, 6.2595, 6.9647



11.5047, 5.8561, 3.9169



0.1888, 0.0943, 0.1471

Previews

White Background



This preview shows how the XYZ color 24.5859, 29.0205, 29.8969 looks on a white background.

Color Contrast Check

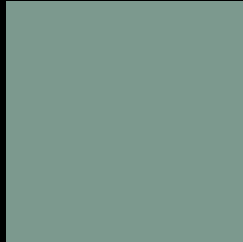
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.5859, 29.0205, 29.8969 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

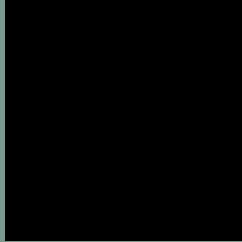
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 24.5859, 29.0205, 29.8969

Background



This preview shows how black text looks on a background with the XYZ color 24.5859, 29.0205, 29.8969.



This preview shows how white text looks on a background with the XYZ color 24.5859, 29.0205,

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

24.5859, 29.0205, 29.8969

Protanopia

27.6288, 28.9721, 28.1807

Deuteranopia

29.4050, 28.9367, 30.4211



Tritanopia

26.3300, 29.0105, 38.3943

Trichromacy



Original Color

24.5859, 29.0205, 29.8969

Protanomaly

26.3922, 29.0217, 28.6368

Deuteranomaly

27.4496, 28.8368, 30.1059

Tritanomaly

25.7354, 29.0118, 35.2538

Monochromacy



Original Color

24.5859, 29.0205, 29.8969

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

25.5450, 28.0848, 30.0612

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.5859, 29.0205, 29.8969 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(124, 153, 142) looks like.

```
.text, #text, p{  
    color:rgb(124, 153, 142)  
}
```

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(124, 153, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 153, 142) }
```

Border

The CSS property to change the border of an element to XYZ 24.5859, 29.0205, 29.8969 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(124, 153, 142) }
```


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

```
.border{ border-color:rgb(124, 153, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 153, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 153, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 153, 142);  
box-shadow:4px 4px 4px 4px rgb(124, 153,  
142) }
```

Background

The CSS property to change the background color of an element to XYZ 24.5859, 29.0205, 29.8969 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 153, 142) }
```

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

```
.background{ background-color: rgb(124,  
153, 142) }
```

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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