

Converting Colors

XYZ(24.3280, 28.9183, 28.5354)

Have a look what the booklet for
XYZ(24.3280, 28.9183, 28.5354)
contains.

XYZ(24.3636, 28.9316, 28.7264)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(24.3636, 28.9316,
28.7264)**

Conversions

Conversions Part 1

Format	Color
Hex	7C998B
RGB	124, 153, 139
RGB Percent	49%, 60%, 55%
CMY	0.5137, 0.4000, 0.4549
CMYK	0.19, 0.00, 0.09, 0.40
HSL	151°, 12%, 54%
HSV	151°, 19%, 60%
XYZ	24.3636, 28.9316, 28.7264
YIQ	142.7330, -12.7900, -10.5020

Conversions

Conversions Part 2

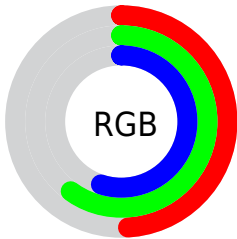
Format	Color
RYB	124, 143, 153
Decimal	8165771
CIELab	60.72, -13.08, 4.00
CIELCh	61, 13.677, 162.975
Yxy	28.9316, 0.2970, 0.3527
Android (android.graphics.Color)	4286355851 (0xFF7C998B)
YUV	142.7330, -1.8404, -16.4288
Hunter-Lab	53.7881, -13.2767, 5.9869

Details

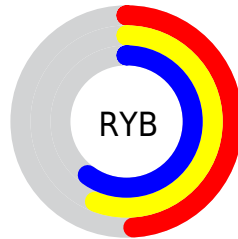
The XYZ color **24.3636, 28.9316, 28.7264** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **24.9329, 23.0233, 27.1758**, and the grayscale version is **26.0134, 27.3681, 29.8038**.

A 20% lighter version of the original color is **49.9587, 57.7785, 58.3884**, and **9.4562, 11.7199, 11.2150** is the 20% darker color. If you saturate the color by 10%, you get **21.8002, 27.6712, 25.8838**, and if you desaturate by 10%, it is **27.3082, 30.3859, 31.7785**.

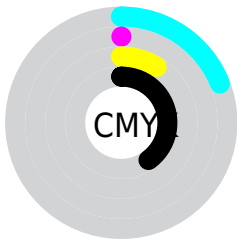
Distribution



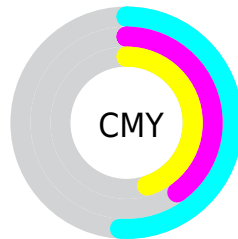
- Red (49%)
- Green (60%)
- Blue (55%)



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



- Cyan (19%)
- Magenta (0%)
- Yellow (9%)
- Black (40%)



- Cyan (51%)
- Magenta (40%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.3636, 28.9316, 28.7264 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 24.3636, 28.9316, 28.7264 by changing the saturation by 10% instead.

■ 24.3636, 28.9316,
28.7264

■ 24.3636, 28.9316,
28.7264

267.0601,
296.8921, 309.9423

■ 15.7298, 19.0291,
18.6301

■ 50.0733, 57.9684,
58.6791

■ 9.4228, 11.6913,
11.2292

■ 67.8798, 77.8715,
79.3726

■ 5.0772, 6.5338,
6.1051

■ 89.4746, 101.8768,
104.4356

■ 2.3279, 3.1723,
2.8393

115.2230,
130.3689, 134.2867

■ 0.8089, 1.2223,
1.0132

145.4904,
163.7321, 169.3444

■ 0.0000, 0.0798,
0.0000

180.6422,

■ 0.0000, 0.0000,

202.3507, 210.0272

0.0000

221.0436,
246.6093, 256.7536

■ 24.3636, 28.9316,
28.7264

■ 24.3636, 28.9316,
28.7264

■ 21.8002, 27.6712,
25.8838

■ 27.3082, 30.3859,
31.7785

■ 19.5991, 26.5926,
23.2442

■ 30.6470, 32.0384,
35.0424

■ 17.7434, 25.6881,
20.8037

■ 34.3955, 33.8976,
38.5232

■ 16.2137, 24.9476,
18.5573

■ 38.5674, 35.9707,
42.2247

■ 14.9888, 24.3604,
16.4998

■ 43.1758, 38.2643,
46.1510

■ 14.0447, 23.9142,
14.6261

■ 48.2334, 40.7848,
50.3060

■ 13.3534, 23.5947,
12.9302

■ 53.7522, 43.5385,
54.6934

■ 12.8563, 23.3716,
11.4049

■ 59.7437, 46.5311,
59.3168

■ 12.8079, 23.3500,
11.2548

■ 63.7096, 48.4747,
64.0625

Harmonies

Analogous

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



25.2378, 28.9316, 24.8796



24.3636, 28.9316, 28.7264



24.3061, 28.9316, 33.7468

Triad

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



24.3636, 28.9316, 28.7264



28.2718, 28.9316, 42.0150



30.0712, 28.9316, 25.2992

Complementary

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



24.3636, 28.9316, 28.7264



24.9329, 23.0233, 27.1758

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.



30.9591, 28.9316, 29.3582



24.3636, 28.9316, 28.7264



29.8906, 28.9316, 39.2052

Square

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



24.3636, 28.9316, 28.7264



26.5117, 28.9316, 41.7988



30.8917, 28.9316, 34.4500



28.5097, 28.9316, 23.0518

Rectangle

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



24.3636, 28.9316, 28.7264



24.7345, 28.9316, 37.1247



30.8917, 28.9316, 34.4500



30.4613, 28.9316, 26.4770

Sweetspot

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



24.3644, 28.9328, 28.7270



50.5267, 55.2178, 58.5281



25.5143, 29.6437, 23.4462



11.0826, 12.1559, 12.8500



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.



24.3644, 28.9328, 28.7270



41.4834, 50.7549, 49.1080



25.3752, 29.2108, 34.4392



6.2588, 6.9763, 7.2864



10.6020, 19.3043, 9.3907



0.1769, 0.2959, 0.2372

Inverse Universe

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



24.9329, 23.0233, 27.1758



42.7043, 38.0656, 45.7774



24.0442, 22.7649, 22.1960



6.3268, 6.2699, 7.1010



11.8920, 6.0110, 5.9562



0.1960, 0.0972, 0.1852

Previews

White Background



This preview shows how the XYZ color 24.3636, 28.9316, 28.7264 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 24.3636, 28.9316, 28.7264 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

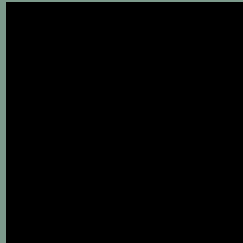
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 24.3636, 28.9316, 28.7264

Background



This preview shows how black text looks on a background with the XYZ color 24.3636, 28.9316, 28.7264.



This preview shows how white text looks on a background with the XYZ color 24.3636, 28.9316,

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

24.3636, 28.9316, 28.7264

Protanopia

27.4146, 28.8863, 27.0524

Deuteranopia

29.2329, 28.6542, 29.1894



Tritanopia

26.3300, 29.0105, 38.3943

Trichromacy



Original Color

24.3636, 28.9316, 28.7264

Protanomaly

26.1759, 28.9352, 27.4980

Deuteranomaly

27.0718, 28.4401, 28.8736

Tritanomaly

25.6517, 28.9783, 34.8132

Monochromacy



Original Color

24.3636, 28.9316, 28.7264

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

25.4695, 28.0547, 29.6639

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.3636, 28.9316, 28.7264 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, 139)` looks like.

```
.text, #text, p{  
    color:rgb(124, 153, 139)  
}
```

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, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 153, 139) }
```

Border

The CSS property to change the border of an element to XYZ 24.3636, 28.9316, 28.7264 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, 139) }
```


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

```
.border{ border-color:rgb(124, 153, 139) }
```

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, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 153, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 153, 139);  
box-shadow:4px 4px 4px 4px rgb(124, 153,  
139) }
```

Background

The CSS property to change the background color of an element to XYZ 24.3636, 28.9316, 28.7264 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, 139) }
```

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

```
.background{ background-color: rgb(124,  
153, 139) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor