

Converting Colors

XYZ(28.0142, 32.0914, 40.7905)

Have a look what the booklet for
XYZ(28.0142, 32.0914, 40.7905)
contains.

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Color

**XYZ(28.0335, 32.0615,
40.7874)**

Conversions

Conversions Part 1

Format	Color
Hex	7F9FA6
RGB	127, 159, 166
RGB Percent	50%, 62%, 65%
CMY	0.5020, 0.3765, 0.3490
CMYK	0.23, 0.04, 0.00, 0.35
HSL	191°, 18%, 57%
HSV	191°, 23%, 65%
XYZ	28.0335, 32.0615, 40.7874
YIQ	150.2300, -21.3190, -4.6070

Conversions

Conversions Part 2

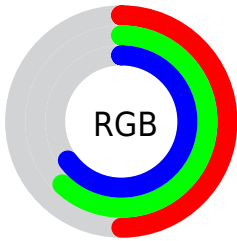
Format	Color
RYB	127, 145, 166
Decimal	8363942
CIELab	63.39, -9.39, -7.29
CIElCh	63, 11.885, 217.819
Yxy	32.0615, 0.2779, 0.3178
Android (android.graphics.Color)	4286554022 (0xFF7F9FA6)
YUV	150.2300, 7.7746, -20.3727
Hunter-Lab	56.6229, -10.7162, -3.0726

Details

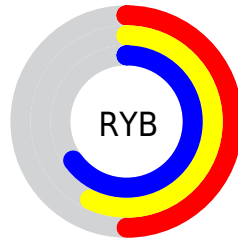
The XYZ color **28.0335, 32.0615, 40.7874** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **28.0821, 26.6897, 23.7509**, and the grayscale version is **29.0623, 30.5758, 33.2971**.

A 20% lighter version of the original color is **55.9201, 63.0169, 77.6228**, and **11.4604, 13.5178, 17.9248** is the 20% darker color. If you saturate the color by 10%, you get **25.2562, 29.8792, 40.5131**, and if you desaturate by 10%, it is **31.2324, 34.4811, 41.0863**.

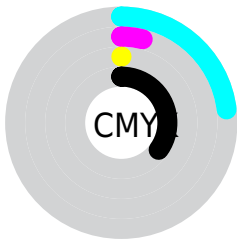
Distribution



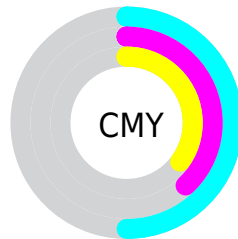
- Red (50%)
- Green (62%)
- Blue (65%)



- Red (50%)
- Yellow (57%)
- Blue (65%)



- Cyan (23%)
- Magenta (4%)
- Yellow (0%)
- Black (35%)



- Cyan (50%)
- Magenta (38%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.0335, 32.0615, 40.7874 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 28.0335, 32.0615, 40.7874 by changing the saturation by 10% instead.

■ 28.0335, 32.0615,
40.7874

■ 28.0335, 32.0615,
40.7874

284.7041,
311.3993, 365.0816

■ 18.4915, 21.4085,
27.8346

■ 55.9462, 62.9075,
77.6112

■ 11.4052, 13.4229,
17.9630

■ 75.0476, 83.8692,
102.3193

■ 6.4094, 7.7204,
10.7543

■ 98.0662, 109.0360,
131.7828

■ 3.1386, 3.9166,
5.7898

125.3673,
138.7923, 166.4203

■ 1.2275, 1.6270,
2.6510

157.3163,
173.5223, 206.6505

■ 0.1279, 0.3757,
0.9186

194.2785,

■ 0.0000, 0.0000,

213.6106, 252.8917

0.0000

236.6193,
259.4414, 305.5625

■ 28.0335, 32.0615,
40.7874

■ 28.0335, 32.0615,
40.7874

■ 25.2562, 29.8792,
40.5131

■ 31.2324, 34.4811,
41.0863

■ 22.8776, 27.9199,
40.2603

■ 34.8688, 37.1437,
41.4086

■ 20.8770, 26.1736,
40.0286

■ 38.9610, 40.0600,
41.7559

■ 19.2306, 24.6277,
39.8170

■ 43.5256, 43.2385,
42.1288

■ 17.9117, 23.2685,
39.6242

■ 48.5782, 46.6875,
42.5282

■ 16.8900, 22.0802,
39.4487

■ 54.1340, 50.4147,
42.9548

■ 16.1288, 21.0438,
39.2887

■ 60.2071, 54.4277,
43.4093

■ 15.7174, 20.4220,
39.1904

■ 65.0221, 57.8112,
43.8086

■ 65.6422, 59.0516,
44.0153

Harmonies

Analogous

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



27.4349, 32.0615, 36.1613



28.0335, 32.0615, 40.7874



29.2904, 32.0615, 44.0250

Triad

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



28.0335, 32.0615, 40.7874



33.5092, 32.0615, 38.4563



30.0436, 32.0615, 26.6535

Complementary

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



28.0335, 32.0615, 40.7874



28.0821, 26.6897, 23.7509

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.



31.6880, 32.0615, 27.1480



28.0335, 32.0615, 40.7874



33.7286, 32.0615, 33.6870

Square

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



28.0335, 32.0615, 40.7874



32.4621, 32.0615, 42.5967



33.0511, 32.0615, 29.6254



28.5678, 32.0615, 28.2077

Rectangle

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



28.0335, 32.0615, 40.7874



30.3528, 32.0615, 44.8074



33.0511, 32.0615, 29.6254



30.5945, 32.0615, 26.5884

Sweetspot

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



28.0344, 32.0628, 40.7881



60.7884, 65.6015, 74.9337



26.6575, 33.4924, 27.4322



13.5192, 14.6190, 16.7613



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



28.0344, 32.0628, 40.7881



48.2514, 56.1459, 73.7694



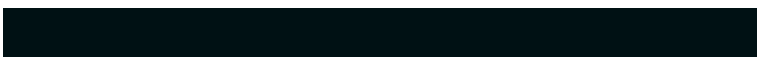
25.0141, 26.0221, 39.7813



7.6314, 8.2997, 9.6181



12.2187, 15.8977, 30.4000



0.3263, 0.4448, 0.7493

Inverse Universe

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



29.5741, 25.7897, 36.2216



51.5631, 42.9599, 63.8778



30.9485, 32.4224, 24.7064



7.7833, 7.6432, 9.1760



15.6680, 7.6759, 18.8613



0.3958, 0.1926, 0.5360

Previews

White Background



This preview shows how the XYZ color 28.0335, 32.0615, 40.7874 looks on a white background.

Color Contrast Check

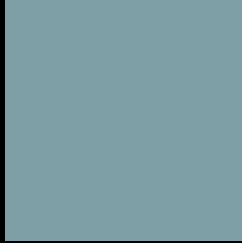
Large Text (above 18pt) WCAG AA × Fail

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 28.0335, 32.0615, 40.7874 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 28.0335, 32.0615, 40.7874

Background



This preview shows how black text looks on a background with the XYZ color 28.0335, 32.0615, 40.7874.

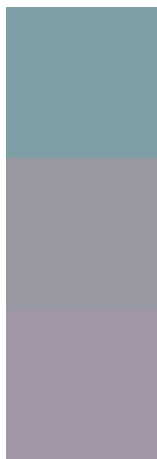


This preview shows how white text looks on a background with the XYZ color 28.0335, 32.0615,

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

28.0335, 32.0615, 40.7874

Protanopia

30.8867, 31.8374, 38.6998

Deuteranopia

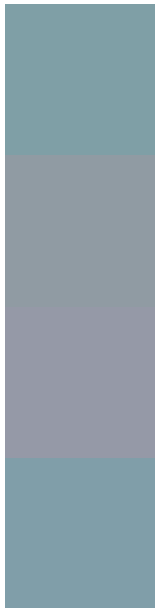
32.5133, 31.8991, 41.4893



Tritanopia

28.4796, 31.9832, 43.2004

Trichromacy



Original Color

28.0335, 32.0615, 40.7874

Protanomaly

29.8338, 32.0163, 39.2577

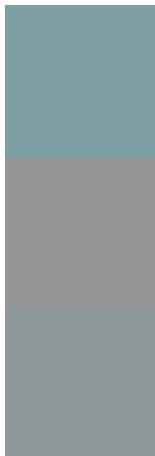
Deuteranomaly

30.7607, 31.9620, 41.1072

Tritanomaly

28.2904, 31.9075, 42.2038

Monochromacy



Original Color

28.0335, 32.0615, 40.7874

Achromatopsia

28.9890, 30.4987, 33.2131

Achromatomaly

28.5473, 30.9335, 35.9187

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.0335, 32.0615, 40.7874 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(127, 159, 166)` looks like.

```
.text, #text, p{  
    color:rgb(127, 159, 166)  
}
```

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(127, 159, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 159, 166) }
```

Border

The CSS property to change the border of an element to XYZ 28.0335, 32.0615, 40.7874 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(127, 159, 166) }
```


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

```
.border{ border-color:rgb(127, 159, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 159, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 159, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 159, 166);  
box-shadow:4px 4px 4px 4px rgb(127, 159,  
166) }
```

Background

The CSS property to change the background color of an element to XYZ 28.0335, 32.0615, 40.7874 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 159, 166) }
```

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

```
.background{ background-color: rgb(127,  
159, 166) }
```

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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