

Converting Colors

XYZ(27.4195, 31.8868, 39.4540)

Have a look what the booklet for
XYZ(27.4195, 31.8868, 39.4540)
contains.

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Color

**XYZ(27.3212, 31.7257,
39.3340)**

Conversions

Conversions Part 1

Format	Color
Hex	7C9FA3
RGB	124, 159, 163
RGB Percent	49%, 62%, 64%
CMY	0.5137, 0.3765, 0.3608
CMYK	0.24, 0.02, 0.00, 0.36
HSL	186°, 17%, 56%
HSV	186°, 24%, 64%
XYZ	27.3212, 31.7257, 39.3340
YIQ	148.9910, -22.1440, -6.1760

Conversions

Conversions Part 2

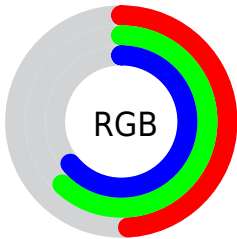
Format	Color
RYB	124, 142, 163
Decimal	8167331
CIELab	63.12, -11.03, -6.03
CIElCh	63, 12.575, 208.675
Yxy	31.7257, 0.2777, 0.3225
Android (android.graphics.Color)	4286357411 (0xFF7C9FA3)
YUV	148.9910, 6.9064, -21.9171
Hunter-Lab	56.3256, -11.9868, -1.9763

Details

The XYZ color **27.3212, 31.7257, 39.3340** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **26.4619, 24.6803, 22.4386**, and the grayscale version is **28.5426, 30.0290, 32.7016**.

A 20% lighter version of the original color is **54.8329, 62.5022, 75.5038**, and **11.0558, 13.3287, 17.0289** is the 20% darker color. If you saturate the color by 10%, you get **24.8724, 30.0404, 39.1383**, and if you desaturate by 10%, it is **30.1652, 33.6221, 39.5507**.

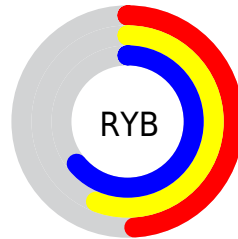
Distribution



Red (49%)

Green (62%)

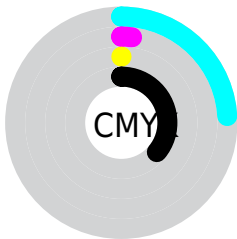
Blue (64%)



Red (49%)

Yellow (56%)

Blue (64%)

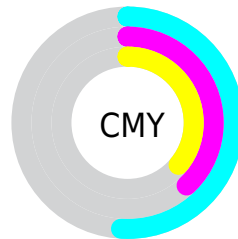


Cyan (24%)

Magenta (2%)

Yellow (0%)

Black (36%)



Cyan (51%)

Magenta (38%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.3212, 31.7257, 39.3340 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 27.3212, 31.7257, 39.3340 by changing the saturation by 10% instead.

■ 27.3212, 31.7257,
39.3340

■ 27.3212, 31.7257,
39.3340

281.3482,
309.8678, 358.7767

■ 17.9524, 21.1521,
26.7098

■ 54.8151, 62.3808,
75.3742

■ 11.0153, 13.2352,
17.1249

■ 73.6710, 83.2311,
99.6274

■ 6.1445, 7.5907,
10.1607

■ 96.4199, 108.2757,
128.5939

■ 2.9746, 3.8342,
5.3986

123.4273,
137.8991, 162.6924

■ 1.1404, 1.5812,
2.4202

155.0585,
172.4856, 202.3414

■ 0.0585, 0.3449,
0.7974

191.6788,

■ 0.0000, 0.0000,

212.4196, 247.9594

0.0000

233.6536,
258.0856, 299.9650

■ 27.3212, 31.7257,
39.3340

■ 27.3212, 31.7257,
39.3340

■ 24.8724, 30.0404,
39.1383

■ 30.1652, 33.6221,
39.5507

■ 22.7968, 28.5524,
38.9605

■ 33.4193, 35.7350,
39.7870

■ 21.0746, 27.2523,
38.8003

■ 37.1013, 38.0742,
40.0444

■ 19.6830, 26.1284,
38.6567

■ 41.2269, 40.6479,
40.3238

■ 18.5965, 25.1674,
38.5285

■ 45.8111, 43.4639,
40.6257

■ 17.7860, 24.3543,
38.4143

■ 50.8682, 46.5296,
40.9509

■ 17.2163, 23.6711,
38.3124

■ 56.4117, 49.8520,
41.3000

■ 16.9348, 23.2921,
38.2541

■ 62.4549, 53.4378,
41.6736

■ 62.9951, 54.1927,
41.7909

Harmonies

Analogous

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



26.9407, 31.7257, 34.3234



27.3212, 31.7257, 39.3340



28.4530, 31.7257, 43.3647

Triad

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



27.3212, 31.7257, 39.3340



33.0947, 31.7257, 39.7527



30.2315, 31.7257, 25.8459

Complementary

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



27.3212, 31.7257, 39.3340



26.4619, 24.6803, 22.4386

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.



31.9221, 31.7257, 27.0085



27.3212, 31.7257, 39.3340



33.6138, 31.7257, 34.7653

Square

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



27.3212, 31.7257, 39.3340



31.7835, 31.7257, 43.6223



33.1768, 31.7257, 30.1594



28.5818, 31.7257, 26.8215

Rectangle

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



27.3212, 31.7257, 39.3340



29.5040, 31.7257, 44.7840



33.1768, 31.7257, 30.1594



30.8142, 31.7257, 25.9974

Sweetspot

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



27.3221, 31.7270, 39.3347



57.9012, 62.7418, 71.1148



25.2997, 32.0359, 25.2384



12.9306, 14.0438, 15.9667



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.



27.3221, 31.7270, 39.3347



46.3843, 55.0797, 70.2429



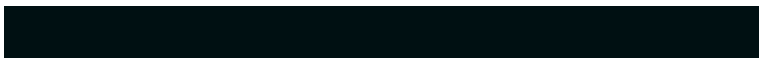
24.2434, 25.5696, 38.3085



7.2138, 7.8866, 9.0451



13.1804, 18.1403, 29.7365



0.2935, 0.4144, 0.6304

Inverse Universe

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



28.5707, 24.7058, 36.0652



49.0630, 40.2696, 63.1713



29.2390, 30.2345, 23.3643



7.3329, 7.1896, 8.7394



15.7984, 7.6754, 21.9265



0.3403, 0.1646, 0.5048

Previews

White Background



This preview shows how the XYZ color 27.3212, 31.7257, 39.3340 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 27.3212, 31.7257, 39.3340 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

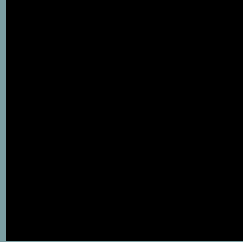
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 27.3212, 31.7257, 39.3340

Background



This preview shows how black text looks on a background with the XYZ color 27.3212, 31.7257, 39.3340.



This preview shows how white text looks on a background with the XYZ color 27.3212, 31.7257,

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

27.3212, 31.7257, 39.3340

Protanopia

30.3750, 31.3741, 36.8026

Deuteranopia

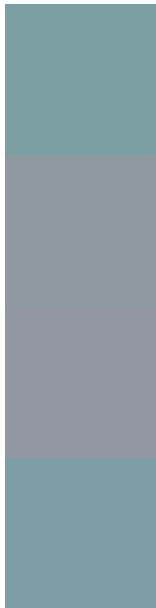
32.0794, 31.4735, 39.9815



Tritanopia

28.0867, 31.7916, 42.6863

Trichromacy



Original Color

27.3212, 31.7257, 39.3340

Protanomaly

29.0561, 31.4001, 37.7871

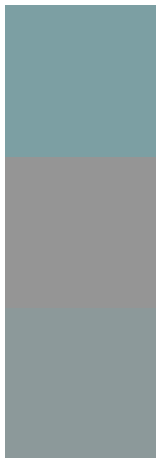
Deuteranomaly

30.1418, 31.4327, 39.6004

Tritanomaly

27.6594, 31.6037, 41.2015

Monochromacy



Original Color

27.3212, 31.7257, 39.3340

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

28.0392, 30.6910, 35.0180

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.3212, 31.7257, 39.3340 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, 159, 163)` looks like.

```
.text, #text, p{  
    color:rgb(124, 159, 163)  
}
```

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, 159, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 159, 163) }
```

Border

The CSS property to change the border of an element to XYZ 27.3212, 31.7257, 39.3340 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, 159, 163) }
```


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

```
.border{ border-color:rgb(124, 159, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 159, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 159, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 159, 163);  
box-shadow:4px 4px 4px 4px rgb(124, 159,  
163) }
```

Background

The CSS property to change the background color of an element to XYZ 27.3212, 31.7257, 39.3340 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 159, 163) }
```

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

```
.background{ background-color: rgb(124,  
159, 163) }
```

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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