

Converting Colors

XYZ(30.6647, 32.8735, 38.3894)

Have a look what the booklet for
XYZ(30.6647, 32.8735, 38.3894)
contains.

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Color

**XYZ(30.7027, 32.9831,
38.4664)**

Conversions

Conversions Part 1

Format	Color
Hex	949DA1
RGB	148, 157, 161
RGB Percent	58%, 62%, 63%
CMY	0.4196, 0.3843, 0.3686
CMYK	0.08, 0.02, 0.00, 0.37
HSL	198°, 6%, 61%
HSV	198°, 8%, 63%
XYZ	30.7027, 32.9831, 38.4664
YIQ	154.7650, -6.6480, -0.6640

Conversions

Conversions Part 2

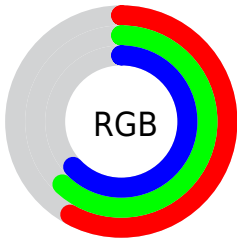
Format	Color
RYB	148, 153, 161
Decimal	9739681
CIELab	64.15, -2.39, -3.20
CIELCh	64, 3.996, 233.222
Yxy	32.9831, 0.3006, 0.3229
Android (android.graphics.Color)	4287929761 (0xFF949DA1)
YUV	154.7650, 3.0739, -5.9329
Hunter-Lab	57.4309, -5.0776, 0.4901

Details

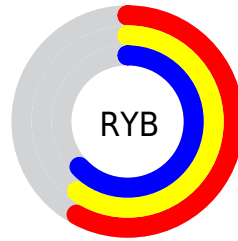
The XYZ color **30.7027, 32.9831, 38.4664** is a light color, and the websafe version is hex **999999**. A complement of this color would be **31.2715, 32.1712, 32.5788**, and the grayscale version is **31.0416, 32.6582, 35.5648**.

A 20% lighter version of the original color is **60.2953, 64.6014, 74.2572**, and **12.8983, 13.9752, 16.7695** is the 20% darker color. If you saturate the color by 10%, you get **27.1703, 29.9446, 38.0666**, and if you desaturate by 10%, it is **34.6761, 36.3011, 38.8979**.

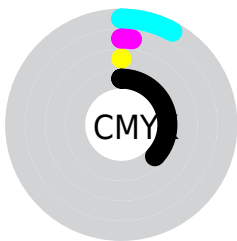
Distribution



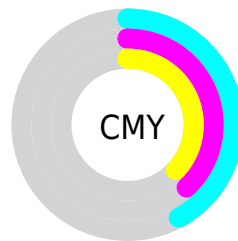
- Red (58%)
- Green (62%)
- Blue (63%)



- Red (58%)
- Yellow (60%)
- Blue (63%)



- Cyan (8%)
- Magenta (2%)
- Yellow (0%)
- Black (37%)



- Cyan (42%)
- Magenta (38%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.7027, 32.9831, 38.4664 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 30.7027, 32.9831, 38.4664 by changing the saturation by 10% instead.

■ 30.7027, 32.9831,
38.4664

■ 30.7027, 32.9831,
38.4664

297.0177,
315.5736, 354.9745

■ 20.5233, 22.1135,
26.0402

■ 60.1507, 64.3491,
74.0338

■ 12.8865, 13.9403,
16.6277

■ 80.1501, 85.6144,
98.0121

■ 7.4269, 8.0792,
9.8103

104.1534,
111.1136, 126.6782

■ 3.7792, 4.1456,
5.1694

132.5261,
141.2312, 160.4506

■ 1.5780, 1.7554,
2.2865

165.6335,
176.3516, 199.7479

■ 0.3780, 0.4591,
0.7236

203.8410,

■ 0.0000, 0.0000,

216.8592, 244.9886

0.0000

247.5140,
263.1384, 296.5913

■ 30.7027, 32.9831,
38.4664

■ 30.7027, 32.9831,
38.4664

■ 27.1703, 29.9446,
38.0666

■ 34.6761, 36.3011,
38.8979

■ 24.0589, 27.1722,
37.6955

■ 39.1036, 39.9032,
39.3598

■ 21.3513, 24.6570,
37.3527

■ 44.0014, 43.7993,
39.8537

■ 19.0281, 22.3886,
37.0373

■ 49.3841, 47.9974,
40.3804

■ 17.0678, 20.3553,
36.7481

■ 55.2653, 52.5053,
40.9405

■ 15.4470, 18.5443,
36.4840

■ 61.6585, 57.3302,
41.5348

■ 14.1393, 16.9414,
36.2435

■ 66.4474, 61.3818,
42.0645

■ 13.1137, 15.5300,
36.0252

■ 67.5502, 63.5874,
42.4321

■ 12.3160, 14.2813,
35.8262

■ 68.6899, 65.8667,
42.8119

Harmonies

Analogous

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



30.3604, 32.9831, 37.1554



30.7027, 32.9831, 38.4664



31.2212, 32.9831, 39.0961

Triad

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



30.7027, 32.9831, 38.4664



32.4420, 32.9831, 36.2819



30.9225, 32.9831, 33.1256

Complementary

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



30.7027, 32.9831, 38.4664



31.2715, 32.1712, 32.5788

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.



31.4780, 32.9831, 32.9075



30.7027, 32.9831, 38.4664



32.3597, 32.9831, 34.6986

Square

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



30.7027, 32.9831, 38.4664



32.2288, 32.9831, 37.8106



32.0052, 32.9831, 33.4752



30.4862, 32.9831, 34.0800

Rectangle

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



30.7027, 32.9831, 38.4664



31.5989, 32.9831, 39.0318



32.0052, 32.9831, 33.4752



31.1013, 32.9831, 32.9649

Sweetspot

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



30.7037, 32.9845, 38.4671



59.1858, 62.5971, 69.3495



30.6173, 34.0499, 34.6218



12.9994, 13.7443, 15.2114



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



30.7037, 32.9845, 38.4671



53.5851, 57.8804, 68.7343



29.6485, 30.8742, 38.1154



7.0915, 7.6419, 9.0044



9.7585, 11.2964, 28.5959



0.2439, 0.3150, 0.6138

Inverse Universe

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



31.3743, 31.1917, 36.2670



55.0869, 53.9137, 63.7974



32.3389, 34.3061, 32.9346



7.2711, 7.1649, 8.4143



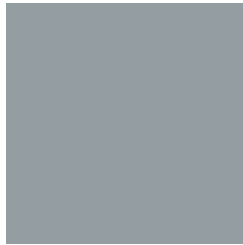
14.0711, 6.9845, 12.8310



0.3153, 0.1546, 0.3728

Previews

White Background



This preview shows how the XYZ color 30.7027, 32.9831, 38.4664 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 30.7027, 32.9831, 38.4664 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

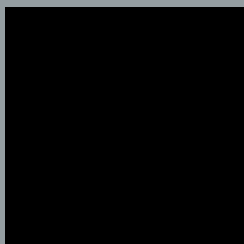
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

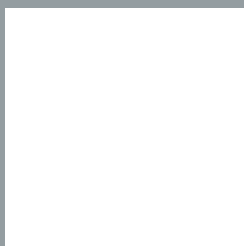
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 30.7027, 32.9831, 38.4664

Background



This preview shows how black text looks on a background with the XYZ color 30.7027, 32.9831, 38.4664.



This preview shows how white text looks on a background with the XYZ color 30.7027, 32.9831,

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

30.7027, 32.9831, 38.4664

Protanopia

31.8054, 32.8174, 37.9158

Deuteranopia

33.5245, 32.9573, 38.7769



Tritanopia

31.3508, 32.9936, 41.7618

Trichromacy



Original Color

30.7027, 32.9831, 38.4664

Protanomaly

31.3929, 32.8508, 37.9440

Deuteranomaly

32.4100, 32.8647, 38.8177

Tritanomaly

31.0744, 32.8831, 40.3066

Monochromacy



Original Color

30.7027, 32.9831, 38.4664

Achromatopsia

31.1553, 32.7778, 35.6950

Achromatomaly

30.9232, 32.8867, 36.6162

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.7027, 32.9831, 38.4664 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(148, 157, 161) looks like.

```
.text, #text, p{  
    color:rgb(148, 157, 161)  
}
```

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(148, 157, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 157, 161) }
```

Border

The CSS property to change the border of an element to XYZ 30.7027, 32.9831, 38.4664 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(148, 157, 161) }
```


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

```
.border{ border-color:rgb(148, 157, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 157, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 157, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 157, 161);  
box-shadow:4px 4px 4px 4px rgb(148, 157,  
161) }
```

Background

The CSS property to change the background color of an element to XYZ 30.7027, 32.9831, 38.4664 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 157, 161) }
```

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

```
.background{ background-color: rgb(148,  
157, 161) }
```

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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