

Converting Colors

XYZ(32.2077, 31.5869, 44.3185)

Have a look what the booklet for
XYZ(32.2077, 31.5869, 44.3185)
contains.

XYZ(32.2921, 31.7190, 44.4648)	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(32.2921, 31.7190,
44.4648)**

Conversions

Conversions Part 1

Format	Color
Hex	9D95AE
RGB	157, 149, 174
RGB Percent	62%, 58%, 68%
CMY	0.3843, 0.4157, 0.3176
CMYK	0.10, 0.14, 0.00, 0.32
HSL	259°, 13%, 63%
HSV	259°, 14%, 68%
XYZ	32.2921, 31.7190, 44.4648
YIQ	154.2420, -3.2570, 9.4710

Conversions

Conversions Part 2

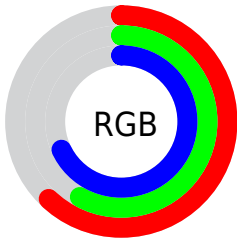
Format	Color
R _Y B	157, 149, 174
Decimal	10327470
CIE Lab	63.11, 7.90, -11.99
CIE LCh	63, 14.355, 303.387
Yxy	31.7190, 0.2977, 0.2924
Android (android.graphics.Color)	4288517550 (0xFF9D95AE)
YUV	154.2420, 9.7407, 2.4188
Hunter-Lab	56.3196, 3.7876, -7.3862

Details

The XYZ color **32.2921, 31.7190, 44.4648** is a light color, and the websafe version is hex **999999**. A complement of this color would be **36.2878, 40.5498, 34.3496**, and the grayscale version is **30.7818, 32.3849, 35.2671**.

A 20% lighter version of the original color is **62.6502, 62.3661, 82.8646**, and **13.8244, 13.2047, 20.2325** is the 20% darker color. If you saturate the color by 10%, you get **27.5445, 25.4863, 43.5125**, and if you desaturate by 10%, it is **37.6765, 38.8922, 45.5661**.

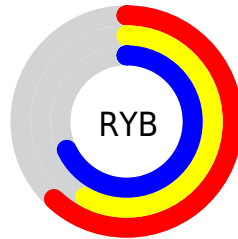
Distribution



Red (62%)

Green (58%)

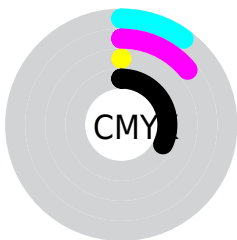
Blue (68%)



Red (62%)

Yellow (58%)

Blue (68%)

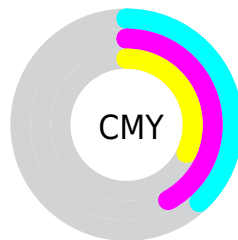


Cyan (10%)

Magenta (14%)

Yellow (0%)

Black (32%)



Cyan (38%)

Magenta (42%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.2921, 31.7190, 44.4648 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 32.2921, 31.7190, 44.4648 by changing the saturation by 10% instead.

■ 32.2921, 31.7190,
44.4648

■ 32.2921, 31.7190,
44.4648

304.1694,
309.8372, 380.6984

■ 21.7413, 21.1470,
30.6962

■ 62.6308, 62.3703,
83.2266

■ 13.7825, 13.2315,
20.1111

■ 83.1495, 83.2184,
109.0569

■ 8.0502, 7.5881,
12.2910

107.7216,
108.2606, 139.7449

■ 4.1792, 3.8326,
6.8172

136.7123,
137.8813, 175.7090

■ 1.8040, 1.5803,
3.2713

170.4871,
172.4649, 217.3679

■ 0.5201, 0.3443,
1.2348

209.4113,

■ 0.0000, 0.0000,

212.3958, 265.1401

0.0074

253.8503,
258.0585, 319.4440

■ 0.0000, 0.0000,
0.0000

■ 32.2921, 31.7190,
44.4648

■ 32.2921, 31.7190,
44.4648

■ 27.5445, 25.4863,
43.5125

■ 37.6765, 38.8922,
45.5661

■ 23.4064, 20.1506,
42.7007

■ 43.7180, 47.0391,
46.8202

■ 19.8525, 15.6705,
42.0233

■ 50.4394, 56.1963,
48.2334

■ 16.8547, 12.0003,
41.4728

■ 57.8616, 66.3971,
49.8112

■ 14.3824, 9.0893,
41.0413

■ 66.0046, 77.6735,
51.5586

■ 12.4016, 6.8813,
40.7195

■ 74.8875, 90.0558,
53.4804

■ 10.8740, 5.3119,
40.4971

■ 79.2780, 93.0718,
53.8311

■ 9.7544, 4.3040,
40.3615

■ 83.4234, 95.2088,
54.0251

■ 9.2528, 3.8874,
40.3076

■ 84.6401, 95.8360,
54.0821

Harmonies

Analogous

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



30.3735, 31.7190, 46.6054



32.2921, 31.7190, 44.4648



33.6818, 31.7190, 39.6551

Triad

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



32.2921, 31.7190, 44.4648



31.8859, 31.7190, 25.6761



26.5047, 31.7190, 35.1849

Complementary

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



32.2921, 31.7190, 44.4648



36.2878, 40.5498, 34.3496

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.



26.8704, 31.7190, 29.8787



32.2921, 31.7190, 44.4648



29.9235, 31.7190, 24.7550

Square

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



32.2921, 31.7190, 44.4648



33.4401, 31.7190, 28.8768



28.1009, 31.7190, 26.2085



27.0793, 31.7190, 40.8914

Rectangle

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



32.2921, 31.7190, 44.4648



34.0904, 31.7190, 35.8076



28.1009, 31.7190, 26.2085



26.5218, 31.7190, 33.2961

Sweetspot

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



32.2931, 31.7203, 44.4655



68.6473, 70.9568, 82.7148



33.6869, 36.7493, 45.3627



15.0866, 15.5417, 18.3490



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



32.2931, 31.7203, 44.4655



55.9306, 54.0451, 80.1208



34.8401, 33.0334, 44.5847



7.8112, 7.8770, 10.0614



6.7668, 2.8483, 29.2376



0.2461, 0.1090, 0.8161

Inverse Universe

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



35.0870, 33.2481, 40.6460



61.9399, 57.3329, 71.8263



33.8092, 39.2720, 34.2336



8.2264, 8.1038, 9.5029



15.0744, 7.4923, 13.3033



0.4428, 0.2178, 0.4937

Previews

White Background



This preview shows how the XYZ color 32.2921, 31.7190, 44.4648 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 32.2921, 31.7190, 44.4648 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

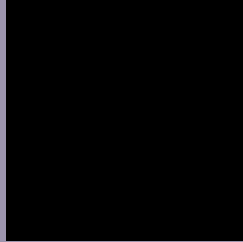
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 32.2921, 31.7190, 44.4648

Background



This preview shows how black text looks on a background with the XYZ color 32.2921, 31.7190, 44.4648.



This preview shows how white text looks on a background with the XYZ color 32.2921, 31.7190,

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

32.2921, 31.7190, 44.4648

Protanopia

31.4591, 31.9806, 45.5891

Deuteranopia

32.4880, 31.8200, 44.4740



Tritanopia

31.1950, 31.7461, 39.1338

Trichromacy



Original Color

32.2921, 31.7190, 44.4648

Protanomaly

31.7534, 31.9038, 45.0419

Deuteranomaly

32.4880, 31.8200, 44.4740

Tritanomaly

31.5917, 31.6706, 41.0072

Monochromacy



Original Color

32.2921, 31.7190, 44.4648

Achromatopsia

30.7148, 32.3143, 35.1903

Achromatomaly

31.1788, 31.9982, 38.2512

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.2921, 31.7190, 44.4648 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(157, 149, 174)` looks like.

```
.text, #text, p{  
    color:rgb(157, 149, 174)  
}
```

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(157, 149, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 149, 174) }
```

Border

The CSS property to change the border of an element to XYZ 32.2921, 31.7190, 44.4648 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(157, 149, 174) }
```


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

```
.border{ border-color:rgb(157, 149, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 149, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 149, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 149, 174);  
box-shadow:4px 4px 4px 4px rgb(157, 149,  
174) }
```

Background

The CSS property to change the background color of an element to XYZ 32.2921, 31.7190, 44.4648 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 149, 174) }
```

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

```
.background{ background-color: rgb(157,  
149, 174) }
```

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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