

Converting Colors

XYZ(31.4710, 32.8429, 38.7244)

Have a look what the booklet for
XYZ(31.4710, 32.8429, 38.7244)
contains.

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Color

**XYZ(31.5694, 32.9213,
38.8730)**

Conversions

Conversions Part 1

Format	Color
Hex	9A9BA2
RGB	154, 155, 162
RGB Percent	60%, 61%, 64%
CMY	0.3961, 0.3921, 0.3647
CMYK	0.05, 0.04, 0.00, 0.36
HSL	232°, 4%, 62%
HSV	232°, 5%, 64%
XYZ	31.5694, 32.9213, 38.8730
YIQ	155.4990, -2.8430, 1.9650

Conversions

Conversions Part 2

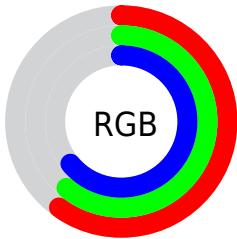
Format	Color
RYB	154, 155, 162
Decimal	10132386
CIELab	64.10, 1.02, -3.78
CIELCh	64, 3.919, 285.117
Yxy	32.9213, 0.3054, 0.3185
Android (android.graphics.Color)	4288322466 (0xFF9A9BA2)
YUV	155.4990, 3.2050, -1.3146
Hunter-Lab	57.3771, -2.1976, -0.0050

Details

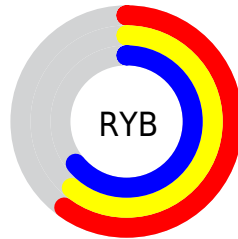
The XYZ color **31.5694, 32.9213, 38.8730** is a light color, and the websafe version is hex **999999**. A complement of this color would be **33.4782, 35.5042, 35.6611**, and the grayscale version is **31.3648, 32.9982, 35.9351**.

A 20% lighter version of the original color is **61.3373, 64.0206, 74.7700**, and **13.3583, 13.9100, 16.7327** is the 20% darker color. If you saturate the color by 10%, you get **26.4702, 26.9953, 37.9984**, and if you desaturate by 10%, it is **37.3634, 39.6183, 39.8608**.

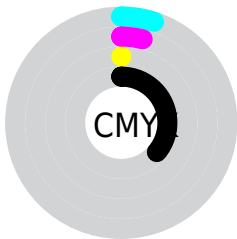
Distribution



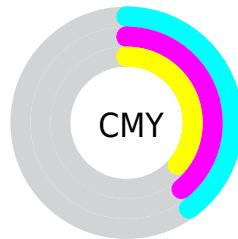
- Red (60%)
- Green (61%)
- Blue (64%)



- Red (60%)
- Yellow (61%)
- Blue (64%)



- Cyan (5%)
- Magenta (4%)
- Yellow (0%)
- Black (36%)



- Cyan (40%)
- Magenta (39%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 31.5694, 32.9213, 38.8730 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 31.5694, 32.9213, 38.8730 by changing the saturation by 10% instead.

■ 31.5694, 32.9213,
38.8730

■ 31.5694, 32.9213,
38.8730

300.9333,
315.2950, 356.7601

■ 21.1868, 22.0662,
26.3539

■ 61.5052, 64.2526,
74.6625

■ 13.3738, 13.9055,
16.8604

■ 81.7891, 85.4976,
98.7699

■ 7.7652, 8.0550,
9.9741

106.1041,
110.9747, 127.5772

■ 3.9956, 4.1302,
5.2764

134.8155,
141.0682, 161.5028

■ 1.6997, 1.7466,
2.3488

168.2888,
176.1626, 200.9654

■ 0.4561, 0.4536,
0.7584

206.8893,

■ 0.0000, 0.0000,

216.6423, 246.3834

0.0000

250.9824,
262.8916, 298.1755

■ 31.5694, 32.9213,
38.8730

■ 31.5694, 32.9213,
38.8730

■ 26.4702, 26.9953,
37.9984

■ 37.3634, 39.6183,
39.8608

■ 22.0370, 21.8084,
37.2309

■ 43.8742, 47.1082,
40.9633

■ 18.2429, 17.3329,
36.5670

■ 51.1260, 55.4174,
42.1849

■ 15.0583, 13.5375,
36.0023

■ 59.1414, 64.5697,
43.5291

■ 12.4511, 10.3886,
35.5319

■ 67.9418, 74.5880,
44.9990

■ 10.3863, 7.8499,
35.1507

■ 77.5477, 85.4944,
46.5978

■ 8.8250, 5.8813,
34.8530

■ 83.2680, 94.8813,
48.1082

■ 7.7230, 4.4378,
34.6325

■ 83.5217, 95.3887,
48.1927

■ 7.0269, 3.4668,
34.4817

Harmonies

Analogous

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



31.0178, 32.9213, 38.8764



31.5694, 32.9213, 38.8730



32.0517, 32.9213, 38.0424

Triad

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



31.5694, 32.9213, 38.8730



32.0486, 32.9213, 33.7268



30.2722, 32.9213, 35.0676

Complementary

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



31.5694, 32.9213, 38.8730



33.4782, 35.5042, 35.6611

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.



30.5418, 32.9213, 33.7352



31.5694, 32.9213, 38.8730



31.5652, 32.9213, 32.9767

Square

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



31.5694, 32.9213, 38.8730



32.3306, 32.9213, 35.0558



31.0137, 32.9213, 32.9798



30.2733, 32.9213, 36.6474

Rectangle

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



31.5694, 32.9213, 38.8730



32.2673, 32.9213, 37.1450



31.0137, 32.9213, 32.9798



30.3341, 32.9213, 34.5770

Sweetspot

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



31.5704, 32.9227, 38.8737



61.2821, 64.3629, 71.2495



32.6745, 35.2821, 38.7760



13.7773, 14.4713, 16.0046



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.



31.5704, 32.9227, 38.8737



56.1596, 58.4310, 70.3745



31.9695, 32.8820, 38.8448



7.1056, 7.3874, 8.9545



5.3575, 2.4943, 27.1289



0.1322, 0.0917, 0.5766

Inverse Universe

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



32.3731, 33.1599, 35.7061



57.9515, 58.9649, 63.3028



33.0650, 35.5521, 35.6921



7.3473, 7.4597, 8.0006



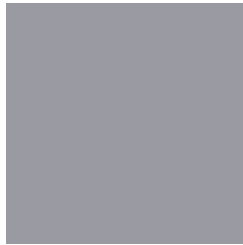
11.8497, 6.0959, 1.1331



0.2589, 0.1321, 0.0760

Previews

White Background



This preview shows how the XYZ color 31.5694, 32.9213, 38.8730 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 31.5694, 32.9213, 38.8730 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

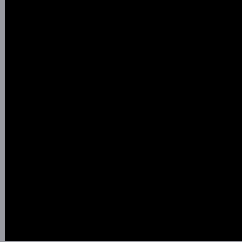
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 31.5694, 32.9213, 38.8730

Background



This preview shows how black text looks on a background with the XYZ color 31.5694, 32.9213, 38.8730.



This preview shows how white text looks on a background with the XYZ color 31.5694, 32.9213,

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

31.5694, 32.9213, 38.8730

Protanopia

31.7875, 32.7878, 38.8357

Deuteranopia

33.6138, 32.9931, 39.2470



Tritanopia

31.9561, 32.8329, 40.7295

Trichromacy



Original Color

31.5694, 32.9213, 38.8730

Protanomaly

31.5948, 32.6884, 38.8267

Deuteranomaly

32.7394, 32.7822, 39.2524

Tritanomaly

31.8647, 32.7964, 40.2482

Monochromacy



Original Color

31.5694, 32.9213, 38.8730

Achromatopsia

31.5995, 33.2452, 36.2040

Achromatomaly

31.5776, 33.2141, 37.0944

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.5694, 32.9213, 38.8730 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(154, 155, 162)` looks like.

```
.text, #text, p{  
    color:rgb(154, 155, 162)  
}
```

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(154, 155, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 155, 162) }
```

Border

The CSS property to change the border of an element to XYZ 31.5694, 32.9213, 38.8730 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(154, 155, 162) }
```


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

```
.border{ border-color:rgb(154, 155, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 155, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 155, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 155, 162);  
box-shadow:4px 4px 4px 4px rgb(154, 155,  
162) }
```

Background

The CSS property to change the background color of an element to XYZ 31.5694, 32.9213, 38.8730 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 155, 162) }
```

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

```
.background{ background-color: rgb(154,  
155, 162) }
```

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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