

Converting Colors

XYZ(31.5895, 30.8506, 35.7423)

Have a look what the booklet for
XYZ(31.5895, 30.8506, 35.7423)
contains.

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Color

**XYZ(31.5895, 30.8506,
35.7423)**

Conversions

Conversions Part 1

Format	Color
Hex	A4929C
RGB	164, 146, 156
RGB Percent	64%, 57%, 61%
CMY	0.3569, 0.4274, 0.3882
CMYK	0.00, 0.11, 0.05, 0.36
HSL	327°, 9%, 61%
HSV	327°, 11%, 64%
XYZ	31.5895, 30.8506, 35.7423
YIQ	152.5220, 7.5180, 6.9260

Conversions

Conversions Part 2

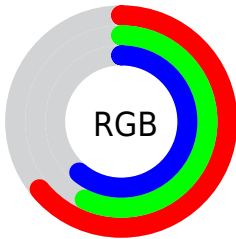
Format	Color
RYB	164, 146, 156
Decimal	10785436
CIELab	62.38, 8.49, -2.83
CIELCh	62, 8.949, 341.595
Yxy	30.8506, 0.3217, 0.3142
Android (android.graphics.Color)	4288975516 (0xFFA4929C)
YUV	152.5220, 1.7147, 10.0662
Hunter-Lab	55.5433, 4.3186, 0.7270

Details

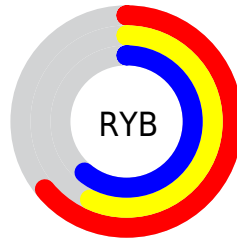
The XYZ color **31.5895, 30.8506, 35.7423** is a light color, and the websafe version is hex **999999**. A complement of this color would be **30.9635, 34.9959, 35.6965**, and the grayscale version is **30.0620, 31.6276, 34.4424**.

A 20% lighter version of the original color is **61.5006, 61.0218, 69.5097**, and **13.4148, 12.8304, 15.1341** is the 20% darker color. If you saturate the color by 10%, you get **28.6418, 25.9134, 31.8051**, and if you desaturate by 10%, it is **34.9387, 36.5307, 39.9969**.

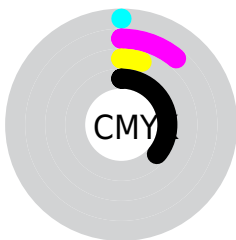
Distribution



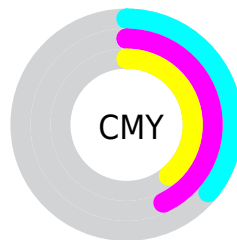
- Red (64%)
- Green (57%)
- Blue (61%)



- Red (64%)
- Yellow (57%)
- Blue (61%)



- Cyan (0%)
- Magenta (11%)
- Yellow (5%)
- Black (36%)



- Cyan (36%)
- Magenta (43%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 31.5895, 30.8506, 35.7423 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 31.5895, 30.8506, 35.7423 by changing the saturation by 10% instead.

■ 31.5895, 30.8506,
35.7423

■ 31.5895, 30.8506,
35.7423

301.0236,
305.8494, 342.8361

■ 21.2022, 20.4851,
23.9471

■ 61.5365, 61.0048,
69.7987

■ 13.3852, 12.7482,
15.0826

■ 81.8270, 81.5623,
92.8970

■ 7.7731, 7.2554,
8.7301

106.1492,
106.2859, 120.6000

■ 4.0007, 3.6223,
4.4711

134.8684,
135.5600, 153.3264

■ 1.7025, 1.4646,
1.8872

168.3502,
169.7690, 191.4947

■ 0.4579, 0.2636,
0.4846

206.9597,

■ 0.0000, 0.0000,

209.2973, 235.5234

0.0000

251.0624,
254.5293, 285.8310

■ 31.5895, 30.8506,
35.7423

■ 31.5895, 30.8506,
35.7423

■ 28.6418, 25.9134,
31.8051

■ 34.9387, 36.5307,
39.9969

■ 26.0770, 21.6840,
28.1748

■ 38.7018, 42.9787,
44.5751

■ 23.8788, 18.1306,
24.8430

■ 42.8939, 50.2236,
49.4852

■ 22.0287, 15.2174,
21.8004

■ 47.5288, 58.2916,
54.7348

■ 20.5066, 12.9050,
19.0366

■ 52.6193, 67.2077,
60.3311

■ 19.2900, 11.1499,
16.5407

■ 58.1778, 76.9958,
66.2809

■ 18.3536, 9.9025,
14.3006

■ 62.3365, 83.9192,
71.9646

■ 17.6676, 9.1045,
12.3023

■ 63.2489, 84.2841,
76.7692

■ 17.2027, 8.6497,
10.6829

■ 64.2030, 84.6658,
81.7934

Harmonies

Analogous

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



30.8968, 30.8506, 38.8328



31.5895, 30.8506, 35.7423



31.6648, 30.8506, 32.2675

Triad

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



31.5895, 30.8506, 35.7423



28.8567, 30.8506, 27.4689



27.6143, 30.8506, 38.2188

Complementary

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



31.5895, 30.8506, 35.7423



30.9635, 34.9959, 35.6965

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.



27.0988, 30.8506, 34.9503



31.5895, 30.8506, 35.7423



27.8027, 30.8506, 28.8436

Square

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



31.5895, 30.8506, 35.7423



30.0644, 30.8506, 27.6487



27.1668, 30.8506, 31.5279



28.5930, 30.8506, 40.3291

Rectangle

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



31.5895, 30.8506, 35.7423



31.3524, 30.8506, 30.2148



27.1668, 30.8506, 31.5279



27.3823, 30.8506, 37.2100

Sweetspot

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



31.5904, 30.8519, 35.7430



62.0918, 64.0483, 70.9440



30.2693, 30.0900, 39.3350



13.4673, 13.8199, 15.3751



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.



31.5904, 30.8519, 35.7430



56.0631, 53.8492, 63.2057



30.8720, 30.5646, 31.9601



7.2307, 7.1487, 8.2013



13.2143, 6.6418, 8.3189



0.3010, 0.1489, 0.2976

Inverse Universe

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



31.5904, 30.8519, 35.7430



56.0631, 53.8492, 63.2057



31.7235, 35.2999, 39.6986



7.2307, 7.1487, 8.2013



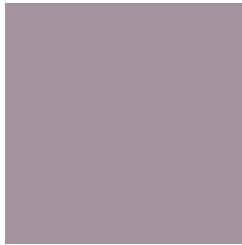
13.2143, 6.6418, 8.3189



0.3010, 0.1489, 0.2976

Previews

White Background



This preview shows how the XYZ color 31.5895, 30.8506, 35.7423 looks on a white background.

Color Contrast Check

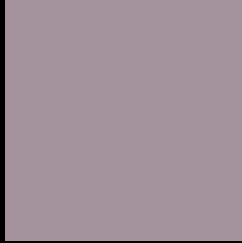
Large Text (above 18pt) WCAG AA × Fail

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 31.5895, 30.8506, 35.7423 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 31.5895, 30.8506, 35.7423

Background



This preview shows how black text looks on a background with the XYZ color 31.5895, 30.8506, 35.7423.



This preview shows how white text looks on a background with the XYZ color 31.5895, 30.8506,

35.7423.

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

31.5895, 30.8506, 35.7423

Protanopia

29.8404, 30.8606, 36.7317

Deuteranopia

31.3839, 30.7446, 35.7327



Tritanopia

31.6745, 30.8846, 36.1902

Trichromacy



Original Color

31.5895, 30.8506, 35.7423

Protanomaly

30.5436, 30.9971, 36.2715

Deuteranomaly

31.3839, 30.7446, 35.7327

Tritanomaly

31.6745, 30.8846, 36.1902

Monochromacy



Original Color

31.5895, 30.8506, 35.7423

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

30.6437, 31.3139, 35.0009

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.5895, 30.8506, 35.7423 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(164, 146, 156)` looks like.

```
.text, #text, p{  
    color:rgb(164, 146, 156)  
}
```

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(164, 146, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 146, 156) }
```

Border

The CSS property to change the border of an element to XYZ 31.5895, 30.8506, 35.7423 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(164, 146, 156) }
```


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

```
.border{ border-color:rgb(164, 146, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 146, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 146, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 146, 156);  
box-shadow:4px 4px 4px 4px rgb(164, 146,  
156) }
```

Background

The CSS property to change the background color of an element to XYZ 31.5895, 30.8506, 35.7423 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 146, 156) }
```

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

```
.background{ background-color: rgb(164,  
146, 156) }
```

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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