

Converting Colors

XYZ(34.3895, 30.6262, 50.5533)

Have a look what the booklet for
XYZ(34.3895, 30.6262, 50.5533)
contains.

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Color

**XYZ(34.3895, 30.6262,
50.5533)**

Conversions

Conversions Part 1

Format	Color
Hex	A88CBA
RGB	168, 140, 186
RGB Percent	66%, 55%, 73%
CMY	0.3412, 0.4510, 0.2706
CMYK	0.10, 0.25, 0.00, 0.27
HSL	277°, 25%, 64%
HSV	277°, 25%, 73%
XYZ	34.3895, 30.6262, 50.5533
YIQ	153.6160, 1.9220, 20.2420

Conversions

Conversions Part 2

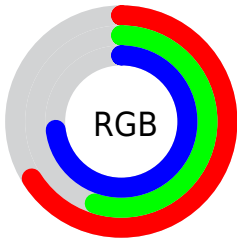
Format	Color
RYB	168, 140, 186
Decimal	11046074
CIELab	62.19, 19.26, -20.06
CIELCh	62, 27.804, 313.836
Yxy	30.6262, 0.2976, 0.2650
Android (android.graphics.Color)	4289236154 (0xFFA88CBA)
YUV	153.6160, 15.9653, 12.6148
Hunter-Lab	55.3409, 14.0753, -15.4221

Details

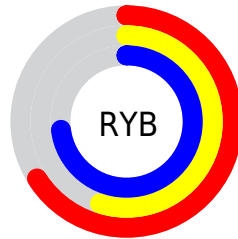
The XYZ color **34.3895, 30.6262, 50.5533** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **36.3941, 44.2811, 31.4413**, and the grayscale version is **30.4796, 32.0669, 34.9209**.

A 20% lighter version of the original color is **66.0593, 60.8417, 92.2663**, and **14.9600, 12.6506, 23.8436** is the 20% darker color. If you saturate the color by 10%, you get **30.3918, 24.8666, 49.6528**, and if you desaturate by 10%, it is **38.9353, 37.3519, 51.6124**.

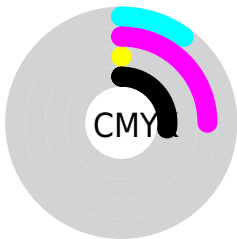
Distribution



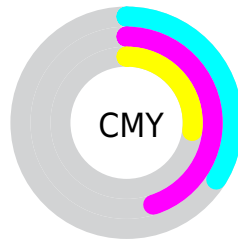
- Red (66%)
- Green (55%)
- Blue (73%)



- Red (66%)
- Yellow (55%)
- Blue (73%)



- Cyan (10%)
- Magenta (25%)
- Yellow (0%)
- Black (27%)



- Cyan (34%)
- Magenta (45%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.3895, 30.6262, 50.5533 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 34.3895, 30.6262, 50.5533 by changing the saturation by 10% instead.

■ 34.3895, 30.6262,
50.5533

■ 34.3895, 30.6262,
50.5533

313.4208,
304.8125, 405.6226

■ 23.3573, 20.3144,
35.4790

■ 65.8792, 60.6511,
92.3989

■ 14.9797, 12.6238,
23.7456

■ 87.0674, 81.1329,
120.0072

■ 8.8914, 7.1700,
14.9345

■ 112.3716,
105.7736, 152.6306

■ 4.7269, 3.5686,
8.6273

142.1572,
134.9574, 190.6876

■ 2.1210, 1.4353,
4.4054

176.7896,
169.0688, 234.5968

■ 0.7006, 0.2425,
1.8503

216.6341,

■ 0.0000, 0.0000,

208.4922, 284.7766

0.4608

262.0560,
253.6120, 341.6458

■ 0.0000, 0.0000,
0.0000

■ 34.3895, 30.6262,
50.5533

■ 34.3895, 30.6262,
50.5533

■ 30.3918, 24.8666,
49.6528

■ 38.9353, 37.3519,
51.6124

■ 26.9148, 20.0224,
48.9010

■ 44.0491, 45.0833,
52.8352

■ 23.9329, 16.0438,
48.2902

■ 49.7533, 53.8629,
54.2291

■ 21.4169, 12.8748,
47.8111

■ 56.0682, 63.7290,
55.8007

■ 19.3345, 10.4526,
47.4534

■ 63.0130, 74.7185,
57.5558

■ 17.6480, 8.7048,
47.2049

■ 70.6062, 86.8661,
59.5003

■ 16.3127, 7.5436,
47.0511

■ 73.8215, 90.1176,
59.9585

■ 15.7010, 7.0703,
46.9920

■ 76.0589, 91.2710,
60.0632

■ 78.3932, 92.4744,
60.1724

Harmonies

Analogous

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



30.8664, 30.6262, 57.6603



34.3895, 30.6262, 50.5533



36.5915, 30.6262, 39.4266

Triad

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



34.3895, 30.6262, 50.5533



31.1613, 30.6262, 17.1961



22.6594, 30.6262, 38.5283

Complementary

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



34.3895, 30.6262, 50.5533



36.3941, 44.2811, 31.4413

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.



22.7236, 30.6262, 27.9264



34.3895, 30.6262, 50.5533



27.4202, 30.6262, 17.0570

Square

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



34.3895, 30.6262, 50.5533



34.6213, 30.6262, 21.0007



24.3993, 30.6262, 20.5683



24.2158, 30.6262, 49.7753

Rectangle

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



34.3895, 30.6262, 50.5533



36.9053, 30.6262, 31.9853



24.3993, 30.6262, 20.5683



22.4966, 30.6262, 34.7463

Sweetspot

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



34.3905, 30.6275, 50.5540



77.5331, 78.2015, 95.2094



31.9745, 33.7123, 51.2767



16.9478, 17.0295, 20.9363



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



34.3905, 30.6275, 50.5540



58.0364, 49.2840, 90.6553



38.0103, 32.5492, 48.2114



9.0315, 8.9826, 11.3372



10.6490, 4.8010, 31.6185



0.4427, 0.2039, 1.1178

Inverse Universe

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



35.8003, 31.6652, 36.5742



61.1936, 51.5897, 60.1668



33.4552, 42.7261, 33.1117



9.1462, 9.0689, 10.1174



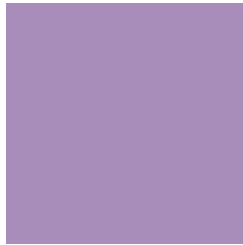
14.4621, 7.3586, 5.0544



0.5405, 0.2717, 0.3398

Previews

White Background



This preview shows how the XYZ color 34.3895, 30.6262, 50.5533 looks on a white background.

Color Contrast Check

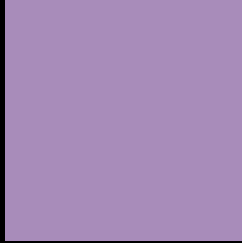
Large Text (above 18pt) WCAG AA × Fail

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 34.3895, 30.6262, 50.5533 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

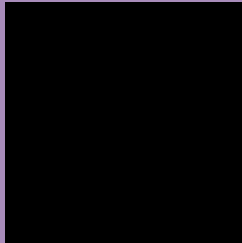
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 34.3895, 30.6262, 50.5533

Background



This preview shows how black text looks on a background with the XYZ color 34.3895, 30.6262, 50.5533.



This preview shows how white text looks on a background with the XYZ color 34.3895, 30.6262,

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

34.3895, 30.6262, 50.5533

Protanopia

30.9093, 30.7896, 54.1831

Deuteranopia

31.4034, 30.6661, 50.1630



Tritanopia

31.3155, 30.4716, 36.1294

Trichromacy



Original Color

34.3895, 30.6262, 50.5533

Protanomaly

32.1508, 30.7595, 52.9578

Deuteranomaly

32.2478, 30.4179, 50.0705

Tritanomaly

32.4074, 30.4714, 41.2193

Monochromacy



Original Color

34.3895, 30.6262, 50.5533

Achromatopsia

30.7148, 32.3143, 35.1903

Achromatomaly

31.9285, 31.6190, 40.4967

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.3895, 30.6262, 50.5533 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(168, 140, 186)` looks like.

```
.text, #text, p{  
    color:rgb(168, 140, 186)  
}
```

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(168, 140, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 140, 186) }
```

Border

The CSS property to change the border of an element to XYZ 34.3895, 30.6262, 50.5533 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(168, 140, 186) }
```


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

```
.border{ border-color:rgb(168, 140, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 140, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(168, 140, 186); -webkit-box-shadow:4px 4px 4px 4px rgb(168, 140, 186); box-shadow:4px 4px 4px 4px rgb(168, 140, 186) }
```

Background

The CSS property to change the background color of an element to XYZ 34.3895, 30.6262, 50.5533 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 140, 186) }
```

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

```
.background{ background-color: rgb(168,  
140, 186) }
```

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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