

Converting Colors

XYZ(30.9629, 25.6553, 51.3781)

Have a look what the booklet for
XYZ(30.9629, 25.6553, 51.3781)
contains.

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Color

**XYZ(30.8902, 25.5630,
51.4502)**

Conversions

Conversions Part 1

Format	Color
Hex	A07CBD
RGB	160, 124, 189
RGB Percent	63%, 49%, 74%
CMY	0.3725, 0.5137, 0.2588
CMYK	0.15, 0.34, 0.00, 0.26
HSL	273°, 33%, 61%
HSV	273°, 34%, 74%
XYZ	30.8902, 25.5630, 51.4502
YIQ	142.1740, 0.5910, 27.8470

Conversions

Conversions Part 2

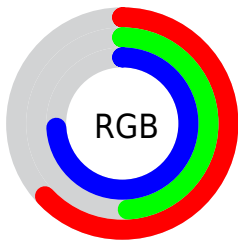
Format	Color
RYB	160, 124, 189
Decimal	10517693
CIELab	57.62, 26.44, -28.85
CIELCh	58, 39.131, 312.507
Yxy	25.5630, 0.2863, 0.2369
Android (android.graphics.Color)	4288707773 (0xFFA07CBD)
YUV	142.1740, 23.0852, 15.6334
Hunter-Lab	50.5599, 20.5771, -24.9422

Details

The XYZ color **30.8902, 25.5630, 51.4502** is a light color, and the websafe version is hex **996699**. A complement of this color would be **34.9733, 44.6233, 25.8397**, and the grayscale version is **25.6921, 27.0301, 29.4357**.

A 20% lighter version of the original color is **60.5225, 52.6358, 93.3560**, and **12.9527, 9.9072, 24.1513** is the 20% darker color. If you saturate the color by 10%, you get **27.1160, 20.4323, 50.6592**, and if you desaturate by 10%, it is **35.2344, 31.6626, 52.3990**.

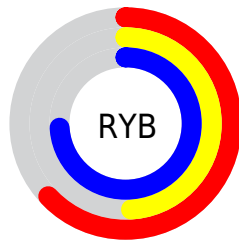
Distribution



Red (63%)

Green (49%)

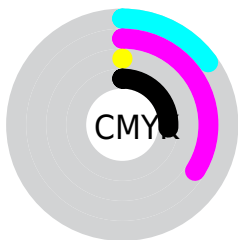
Blue (74%)



Red (63%)

Yellow (49%)

Blue (74%)

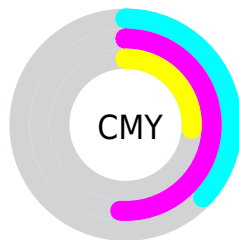


Cyan (15%)

Magenta (34%)

Yellow (0%)

Black (26%)



Cyan (37%)

Magenta (51%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.8902, 25.5630, 51.4502 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 30.8902, 25.5630, 51.4502 by changing the saturation by 10% instead.

■ 30.8902, 25.5630,
51.4502

■ 30.8902, 25.5630,
51.4502

297.8681,
280.6302, 409.2068

■ 20.6667, 16.4970,
36.1878

■ 60.4442, 52.5691,
93.7382

■ 12.9916, 9.8765,
24.2884

■ 80.5053, 71.2780,
121.6009

■ 7.4997, 5.3172,
15.3335

■ 104.5764, 93.9700,
154.5008

■ 3.8256, 2.4345,
8.9046

133.0228,
121.0295, 192.8564

■ 1.6040, 0.8436,
4.5830

166.2098,
152.8409, 237.0862

■ 0.3950, 0.0000,
1.9503

204.5027,

■ 0.0000, 0.0000,

189.7885, 287.6089

0.5245

248.2671,
232.2568, 344.8429

■ 0.0000, 0.0000,
0.0000

■ 30.8902, 25.5630,
51.4502

■ 30.8902, 25.5630,
51.4502

■ 27.1160, 20.4323,
50.6592

■ 35.2344, 31.6626,
52.3990

■ 23.8809, 16.2141,
50.0155

■ 40.1722, 38.7770,
53.5120

■ 21.1549, 12.8511,
49.5101

■ 45.7288, 46.9529,
54.7972

■ 18.9034, 10.2776,
49.1320

■ 51.9271, 56.2331,
56.2618

■ 17.0868, 8.4181,
48.8688

■ 58.7890, 66.6579,
57.9123

■ 15.6576, 7.1817,
48.7055

■ 66.3349, 78.2658,
59.7551

■ 14.9733, 6.6580,
48.6405

■ 74.1672, 90.2586,
61.6572

■ 76.7693, 91.6000,
61.7789

■ 79.5018, 93.0086,
61.9068

Harmonies

Analogous

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



26.2958, 25.5630, 61.2874



30.8902, 25.5630, 51.4502



33.9173, 25.5630, 36.3108

Triad

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



30.8902, 25.5630, 51.4502



27.1001, 25.5630, 9.7935



16.5358, 25.5630, 33.7888

Complementary

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



30.8902, 25.5630, 51.4502



34.9733, 44.6233, 25.8397

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.



16.6929, 25.5630, 20.7908



30.8902, 25.5630, 51.4502



22.4019, 25.5630, 9.5074

Square

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



30.8902, 25.5630, 51.4502



31.5437, 25.5630, 13.8119



18.7156, 25.5630, 12.8429



18.2548, 25.5630, 49.1017

Rectangle

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



30.8902, 25.5630, 51.4502



34.4283, 25.5630, 26.7229



18.7156, 25.5630, 12.8429



16.3779, 25.5630, 28.9750

Sweetspot

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



30.8911, 25.5641, 51.4508



76.0199, 75.4067, 96.7745



28.9306, 30.8246, 52.5695



16.0521, 15.7821, 20.7428



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.



30.8911, 25.5641, 51.4508



50.3147, 38.9402, 91.0905



37.0310, 28.7696, 49.9170



9.5081, 9.4788, 12.0007



10.1635, 4.5255, 32.7307



0.4723, 0.2155, 1.2856

Inverse Universe

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



33.9444, 27.5350, 33.6635



56.8335, 43.1375, 53.5953



30.3577, 42.2198, 26.7145



9.7023, 9.6052, 10.8212



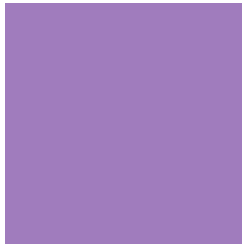
15.2427, 7.7282, 6.5718



0.6300, 0.3159, 0.4310

Previews

White Background



This preview shows how the XYZ color 30.8902, 25.5630, 51.4502 looks on a white background.

Color Contrast Check

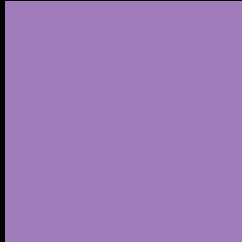
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.8902, 25.5630, 51.4502 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

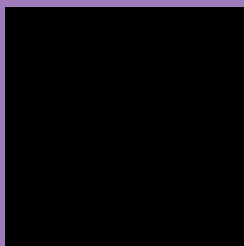
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 30.8902, 25.5630, 51.4502

Background



This preview shows how black text looks on a background with the XYZ color 30.8902, 25.5630, 51.4502.



This preview shows how white text looks on a background with the XYZ color 30.8902, 25.5630,

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

30.8902, 25.5630, 51.4502

Protanopia

26.7207, 25.6538, 57.5762

Deuteranopia

26.3727, 25.8392, 50.6112



Tritanopia

26.5584, 25.5610, 29.9195

Trichromacy



Original Color

30.8902, 25.5630, 51.4502

Protanomaly

27.9331, 25.5110, 55.0816

Deuteranomaly

27.8096, 25.5366, 51.0403

Tritanomaly

28.0381, 25.5712, 36.7157

Monochromacy



Original Color

30.8902, 25.5630, 51.4502

Achromatopsia

25.7108, 27.0498, 29.4572

Achromatomaly

27.3164, 26.2207, 36.4223

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.8902, 25.5630, 51.4502 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(160, 124, 189)` looks like.

```
.text, #text, p{  
    color:rgb(160, 124, 189)  
}
```

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(160, 124, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 124, 189) }
```

Border

The CSS property to change the border of an element to XYZ 30.8902, 25.5630, 51.4502 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(160, 124, 189) }
```


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

```
.border{ border-color:rgb(160, 124, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 124, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 124, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 124, 189);  
box-shadow:4px 4px 4px 4px rgb(160, 124,  
189) }
```

Background

The CSS property to change the background color of an element to XYZ 30.8902, 25.5630, 51.4502 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 124, 189) }
```

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

```
.background{ background-color: rgb(160,  
124, 189) }
```

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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