

Converting Colors

XYZ(31.4785, 22.8214, 43.8202)

Have a look what the booklet for
XYZ(31.4785, 22.8214, 43.8202)
contains.

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Color

**XYZ(31.4785, 22.8214,
43.8202)**

Conversions

Conversions Part 1

Format	Color
Hex	B369B0
RGB	179, 105, 176
RGB Percent	70%, 41%, 69%
CMY	0.2980, 0.5882, 0.3098
CMYK	0.00, 0.41, 0.02, 0.30
HSL	302°, 33%, 56%
HSV	302°, 41%, 70%
XYZ	31.4785, 22.8214, 43.8202
YIQ	135.2200, 21.3130, 37.7690

Conversions

Conversions Part 2

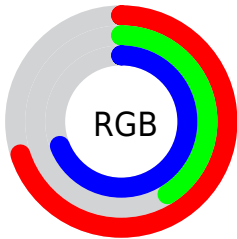
Format	Color
R_{YB}	179, 105, 176
Decimal	11758000
CIE _{Lab}	54.89, 40.38, -25.44
CIE _{LCh}	55, 47.730, 327.790
Yxy	22.8214, 0.3208, 0.2326
Android (android.graphics.Color)	4289948080 (0xFFB369B0)
YUV	135.2200, 20.1045, 38.3951
Hunter-Lab	47.7717, 34.0194, -20.9455

Details

The XYZ color **31.4785, 22.8214, 43.8202** is a light color, and the websafe version is hex **996699**. A complement of this color would be **24.6536, 36.3271, 19.9011**, and the grayscale version is **23.0335, 24.2331, 26.3898**.

A 20% lighter version of the original color is **61.3844, 48.1128, 82.3953**, and **13.3518, 8.4284, 19.6620** is the 20% darker color. If you saturate the color by 10%, you get **29.7722, 19.5230, 42.8982**, and if you desaturate by 10%, it is **33.5704, 26.8894, 44.8731**.

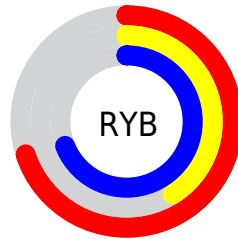
Distribution



Red (70%)

Green (41%)

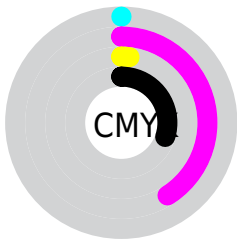
Blue (69%)



Red (70%)

Yellow (41%)

Blue (69%)

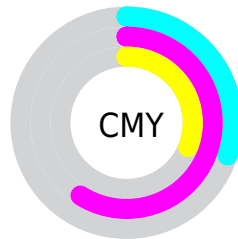


Cyan (0%)

Magenta (41%)

Yellow (2%)

Black (30%)



Cyan (30%)


Magenta (59%)


Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 31.4785, 22.8214, 43.8202 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 31.4785, 22.8214, 43.8202 by changing the saturation by 10% instead.

 31.4785, 22.8214,
43.8202


 31.4785, 22.8214,
43.8202


300.5244,
266.8063, 377.9939

 21.1171, 14.4617,
30.1930

 61.3634, 48.0999,
82.2467


 13.3226, 8.4425,
19.7319


 81.6176, 65.7875,
107.8831

 7.7296, 4.3794,
12.0181


 105.9000, 87.3531,
138.3597

 3.9727, 1.8880,
6.6333

 134.5762,
113.1812, 174.0950

 1.6867, 0.5411,
3.1589

168.0113,
143.6562, 215.5075

 0.4479, 0.0000,
1.1763

206.5708,

 0.0000, 0.0000,

179.1625, 263.0158

0.0000

250.6201,
220.0844, 317.0384

■ 31.4785, 22.8214,
43.8202

■ 31.4785, 22.8214,
43.8202

■ 29.7722, 19.5230,
42.8982

■ 33.5704, 26.8894,
44.8731

■ 28.4250, 16.9427,
42.0976

■ 36.0678, 31.7683,
46.0627

■ 27.4106, 15.0272,
41.4098


■ 38.9919, 37.5001,
47.3966


■ 26.6981, 13.7150,
40.8245


■ 42.3619, 44.1229,
48.8810


■ 26.2509, 12.9328,
40.3296


■ 46.1956, 51.6727,
50.5218

 26.0124, 12.5526,
39.9521

 50.5101, 60.1833,
52.3248

 55.3214, 69.6869,
54.2954

 60.6449, 80.2143,
56.4385

 62.8495, 84.5034,
57.5440

Harmonies

Analogous

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



26.7838, 22.8214, 60.5251



31.4785, 22.8214, 43.8202



33.5165, 22.8214, 25.9883

Triad

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



31.4785, 22.8214, 43.8202



22.0854, 22.8214, 5.6337



13.8839, 22.8214, 41.0427

Complementary

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



31.4785, 22.8214, 43.8202



24.6536, 36.3271, 19.9011

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.



13.0366, 22.8214, 23.7428



31.4785, 22.8214, 43.8202



17.2886, 22.8214, 6.9674

Square

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



31.4785, 22.8214, 43.8202



27.5729, 22.8214, 7.4594



14.1771, 22.8214, 12.3372



16.7115, 22.8214, 58.5154

Rectangle

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



31.4785, 22.8214, 43.8202



32.8811, 22.8214, 16.9732



14.1771, 22.8214, 12.3372



13.3804, 22.8214, 34.8466

Sweetspot

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



31.4793, 22.8224, 43.8207



69.3489, 66.2120, 84.6678



19.3089, 16.5137, 44.8184



15.2077, 14.3622, 18.6877



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



31.4793, 22.8224, 43.8207



53.4560, 35.2258, 76.9047



28.3422, 21.5676, 27.3011



8.8348, 8.6407, 10.6287



18.3873, 8.8725, 28.2631



0.5831, 0.2810, 0.9133

Inverse Universe

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



31.4793, 22.8224, 43.8207



53.4560, 35.2258, 76.9047



27.0165, 37.2723, 32.3443



8.8348, 8.6407, 10.6287



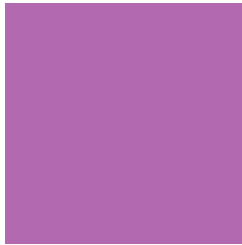
18.3873, 8.8725, 28.2631



0.5831, 0.2810, 0.9133

Previews

White Background



This preview shows how the XYZ color 31.4785, 22.8214, 43.8202 looks on a white background.

Color Contrast Check

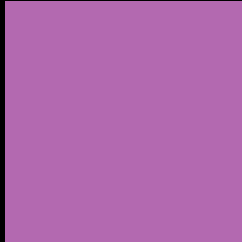
Large Text (above 18pt) WCAG AA ✓ Pass

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 31.4785, 22.8214, 43.8202 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 31.4785, 22.8214, 43.8202

Background



This preview shows how black text looks on a background with the XYZ color 31.4785, 22.8214, 43.8202.



This preview shows how white text looks on a background with the XYZ color 31.4785, 22.8214,

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

31.4785, 22.8214, 43.8202

Protanopia

24.2634, 23.2204, 54.8329

Deuteranopia

23.5974, 23.1548, 42.2553



Tritanopia

27.1806, 22.8557, 22.3810

Trichromacy



Original Color

31.4785, 22.8214, 43.8202

Protanomaly

25.9061, 22.4565, 50.5461

Deuteranomaly

25.7079, 22.5315, 42.5292

Tritanomaly

28.5074, 22.7159, 29.2677

Monochromacy



Original Color

31.4785, 22.8214, 43.8202

Achromatopsia

23.0288, 24.2281, 26.3844

Achromatomaly

25.4752, 23.1966, 31.9889

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.4785, 22.8214, 43.8202 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(179, 105, 176)` looks like.

```
.text, #text, p{  
    color:rgb(179, 105, 176)  
}
```

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(179, 105, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 105, 176) }
```

Border

The CSS property to change the border of an element to XYZ 31.4785, 22.8214, 43.8202 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(179, 105, 176) }
```


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

```
.border{ border-color:rgb(179, 105, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 105, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 105, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 105, 176);  
box-shadow:4px 4px 4px 4px rgb(179, 105,  
176) }
```

Background

The CSS property to change the background color of an element to XYZ 31.4785, 22.8214, 43.8202 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 105, 176) }
```

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

```
.background{ background-color: rgb(179,  
105, 176) }
```

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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