

Converting Colors

XYZ(28.1194, 22.5321, 49.3076)

Have a look what the booklet for
XYZ(28.1194, 22.5321, 49.3076)
contains.

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Color

**XYZ(28.1305, 22.5789,
49.3299)**

Conversions

Conversions Part 1

Format	Color
Hex	9973BA
RGB	153, 115, 186
RGB Percent	60%, 45%, 73%
CMY	0.4000, 0.5490, 0.2706
CMYK	0.18, 0.38, 0.00, 0.27
HSL	272°, 34%, 59%
HSV	272°, 38%, 73%
XYZ	28.1305, 22.5789, 49.3299
YIQ	134.4560, -0.1430, 30.1370

Conversions

Conversions Part 2

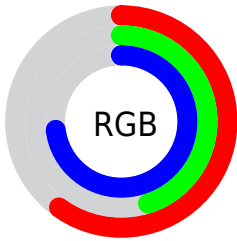
Format	Color
R _Y B	153, 115, 186
Decimal	10056634
CIE Lab	54.64, 28.74, -31.82
CIE LCh	55, 42.881, 312.090
Yxy	22.5789, 0.2812, 0.2257
Android (android.graphics.Color)	4288246714 (0xFF9973BA)
YUV	134.4560, 25.4112, 16.2631
Hunter-Lab	47.5173, 22.5179, -28.2897

Details

The XYZ color **28.1305, 22.5789, 49.3299** is a light color, and the websafe version is hex **996699**. A complement of this color would be **32.8668, 42.6520, 22.7209**, and the grayscale version is **22.7378, 23.9219, 26.0510**.

A 20% lighter version of the original color is **55.8582, 47.4581, 90.2207**, and **11.3686, 8.2717, 22.8272** is the 20% darker color. If you saturate the color by 10%, you get **24.6467, 17.9461, 48.6197**, and if you desaturate by 10%, it is **32.1620, 28.1303, 50.1893**.

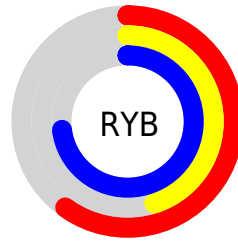
Distribution



Red (60%)

Green (45%)

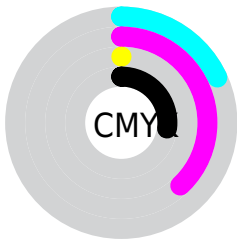
Blue (73%)



Red (60%)

Yellow (45%)

Blue (73%)

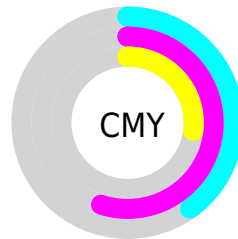


Cyan (18%)

Magenta (38%)

Yellow (0%)

Black (27%)



Cyan (40%)

Magenta (55%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.1305, 22.5789, 49.3299 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 28.1305, 22.5789, 49.3299 by changing the saturation by 10% instead.

■ 28.1305, 22.5789,
49.3299

■ 28.1305, 22.5789,
49.3299

285.1588,
265.5547, 400.6994

■ 18.5650, 14.2829,
34.5138

■ 56.0999, 47.7009,
90.5673

■ 11.4585, 8.3177,
23.0080

■ 75.2345, 65.2958,
117.8257

■ 6.4457, 4.2989,
14.3941

■ 98.2896, 86.7590,
150.0685

■ 3.1612, 1.8421,
8.2534

■ 125.6304,
112.4750, 187.7144

■ 1.2395, 0.5132,
4.1674

157.6224,
142.8282, 231.1819

■ 0.1373, 0.0000,
1.7176

194.6309,

■ 0.0000, 0.0000,

178.2029, 280.8896

0.3728

237.0212,
218.9836, 337.2559

■ 0.0000, 0.0000,
0.0000

■ 28.1305, 22.5789,
49.3299

■ 28.1305, 22.5789,
49.3299

■ 24.6467, 17.9461,
48.6197

■ 32.1620, 28.1303,
50.1893

■ 21.6800, 14.1761,
48.0484

■ 36.7650, 34.6463,
51.2044

■ 19.1997, 11.2112,
47.6068

■ 41.9646, 42.1729,
52.3832

■ 17.1709, 8.9849,
47.2840

■ 47.7837, 50.7525,
53.7325

■ 15.5526, 7.4198,
47.0672

■ 54.2438, 60.4248,
55.2589

■ 14.2815, 6.3934,
46.9361

■ 61.3653, 71.2276,
56.9688

■ 14.0689, 6.2289,
46.9155

■ 69.1679, 83.1968,
58.8678

■ 74.7970, 90.6205,
60.0040

■ 77.5159, 92.0221,
60.1313

Harmonies

Analogous

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



23.4164, 22.5789, 59.7236



28.1305, 22.5789, 49.3299



31.2968, 22.5789, 33.4664

Triad

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



28.1305, 22.5789, 49.3299



24.3715, 22.5789, 7.2284



13.7591, 22.5789, 30.4350

Complementary

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



28.1305, 22.5789, 49.3299



32.8668, 42.6520, 22.7209

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.



13.9370, 22.5789, 17.4322



28.1305, 22.5789, 49.3299



19.6168, 22.5789, 6.9309

Square

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



28.1305, 22.5789, 49.3299



28.9173, 22.5789, 10.9626



15.9383, 22.5789, 9.9102



15.4104, 22.5789, 46.4233

Rectangle

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



28.1305, 22.5789, 49.3299



31.8574, 22.5789, 23.6494



15.9383, 22.5789, 9.9102



13.6145, 22.5789, 25.5441

Sweetspot

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



28.1313, 22.5798, 49.3304



73.1084, 72.1347, 94.2716



26.5447, 28.4125, 50.5398



15.8130, 15.4691, 20.6950



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.



28.1313, 22.5798, 49.3304



45.5055, 33.6148, 88.2913



34.9943, 26.1467, 48.3490



8.9678, 8.9497, 11.3343



9.5523, 4.2356, 31.5672



0.4074, 0.1857, 1.1161

Inverse Universe

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



31.7264, 24.8395, 31.1400



53.3018, 38.5071, 49.2097



27.8623, 40.0562, 23.2069



9.1736, 9.0798, 10.2617



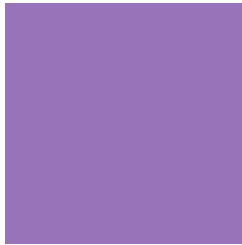
14.8028, 7.4949, 6.8484



0.5531, 0.2767, 0.4063

Previews

White Background



This preview shows how the XYZ color 28.1305, 22.5789, 49.3299 looks on a white background.

Color Contrast Check

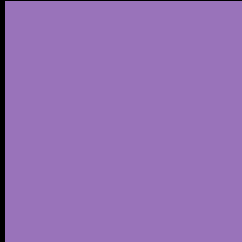
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.1305, 22.5789, 49.3299 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

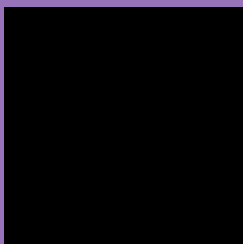
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 28.1305, 22.5789, 49.3299

Background



This preview shows how black text looks on a background with the XYZ color 28.1305, 22.5789, 49.3299.



This preview shows how white text looks on a background with the XYZ color 28.1305, 22.5789,

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

28.1305, 22.5789, 49.3299

Protanopia

23.9917, 22.8575, 55.9708

Deuteranopia

23.2076, 22.6301, 47.9446



Tritanopia

23.5111, 22.6907, 26.0622

Trichromacy



Original Color

28.1305, 22.5789, 49.3299

Protanomaly

25.1455, 22.5506, 53.4795

Deuteranomaly

24.7615, 22.4652, 48.3785

Tritanomaly

25.0050, 22.5481, 33.6062

Monochromacy



Original Color

28.1305, 22.5789, 49.3299

Achromatopsia

22.6597, 23.8398, 25.9615

Achromatomaly

24.3236, 23.1414, 33.3217

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.1305, 22.5789, 49.3299 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(153, 115, 186)` looks like.

```
.text, #text, p{  
    color:rgb(153, 115, 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(153, 115, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 115, 186) }
```

Border

The CSS property to change the border of an element to XYZ 28.1305, 22.5789, 49.3299 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(153, 115, 186) }
```


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

```
.border{ border-color:rgb(153, 115, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 115, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 115, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 115, 186);  
box-shadow:4px 4px 4px 4px rgb(153, 115,  
186) }
```

Background

The CSS property to change the background color of an element to XYZ 28.1305, 22.5789, 49.3299 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 115, 186) }
```

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

```
.background{ background-color: rgb(153,  
115, 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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