

Converting Colors

XYZ(29.0860, 22.5198, 49.3520)

Have a look what the booklet for
XYZ(29.0860, 22.5198, 49.3520)
contains.

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Color

**XYZ(29.1543, 22.6071,
49.2814)**

Conversions

Conversions Part 1

Format	Color
Hex	A070BA
RGB	160, 112, 186
RGB Percent	63%, 44%, 73%
CMY	0.3725, 0.5608, 0.2706
CMYK	0.14, 0.40, 0.00, 0.27
HSL	279°, 35%, 58%
HSV	279°, 40%, 73%
XYZ	29.1543, 22.6071, 49.2814
YIQ	134.7880, 4.8540, 33.1900

Conversions

Conversions Part 2

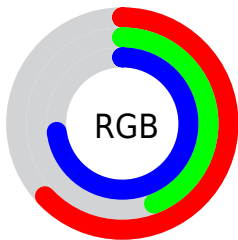
Format	Color
R _Y B	160, 112, 186
Decimal	10514618
CIE Lab	54.67, 32.61, -31.72
CIE LCh	55, 45.494, 315.793
Yxy	22.6071, 0.2885, 0.2237
Android (android.graphics.Color)	4288704698 (0xFFA070BA)
YUV	134.7880, 25.2475, 22.1109
Hunter-Lab	47.5469, 26.2435, -28.1700

Details

The XYZ color **29.1543, 22.6071, 49.2814** is a light color, and the websafe version is hex **996699**. A complement of this color would be **30.9655, 41.6915, 21.7454**, and the grayscale version is **22.8595, 24.0500, 26.1905**.

A 20% lighter version of the original color is **57.8010, 47.9200, 90.2074**, and **12.0058, 8.3468, 22.8081** is the 20% darker color. If you saturate the color by 10%, you get **26.0380, 18.2627, 48.6075**, and if you desaturate by 10%, it is **32.7648, 27.8366, 50.1009**.

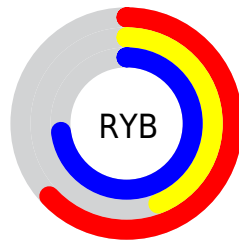
Distribution



Red (63%)

Green (44%)

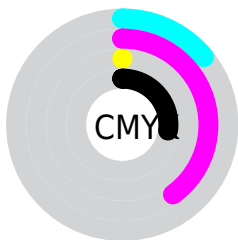
Blue (73%)



Red (63%)

Yellow (44%)

Blue (73%)

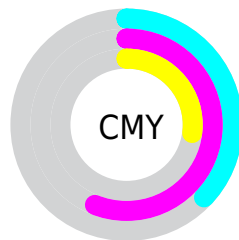


Cyan (14%)

Magenta (40%)

Yellow (0%)

Black (27%)



Cyan (37%)

Magenta (56%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.1543, 22.6071, 49.2814 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 29.1543, 22.6071, 49.2814 by changing the saturation by 10% instead.

■ 29.1543, 22.6071,
49.2814

■ 29.1543, 22.6071,
49.2814

289.9234,
265.7005, 400.5033

■ 19.3424, 14.3037,
34.4756

■ 57.7180, 47.7474,
90.4946

■ 12.0235, 8.3322,
22.9789

■ 77.2006, 65.3530,
117.7390

■ 6.8320, 4.3082,
14.3728

■ 100.6374, 86.8282,
149.9667

■ 3.4026, 1.8474,
8.2387

■ 128.3939,
112.5572, 187.5962

■ 1.3701, 0.5165,
4.1581

160.8354,
142.9246, 231.0461

■ 0.2348, 0.0000,
1.7125

198.3272,

■ 0.0000, 0.0000,

178.3147, 280.7349

0.3693

241.2348,
219.1118, 337.0811

■ 0.0000, 0.0000,
0.0000

■ 29.1543, 22.6071,
49.2814

■ 29.1543, 22.6071,
49.2814

■ 26.0380, 18.2627,
48.6075

■ 32.7648, 27.8366,
50.1009

■ 23.3861, 14.7474,
48.0687

■ 36.8922, 33.9970,
51.0724

■ 21.1692, 12.0032,
47.6559

■ 41.5604, 41.1342,
52.2040


■ 19.3529, 9.9631,
47.3578


■ 46.7913, 49.2903,
53.5026


■ 17.8970, 8.5481,
47.1614


■ 52.6054, 58.5047,
54.9747


 16.7233, 7.6038,
47.0410

 59.0219, 68.8150,
56.6266

 16.6991, 7.5849,
47.0386

 66.0594, 80.2566,
58.4641

 71.8560, 89.1043,
59.8664

 73.7817, 90.0970,
59.9565

Harmonies

Analogous

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



24.2157, 22.6071, 61.8238



29.1543, 22.6071, 49.2814



32.2376, 22.6071, 32.0218

Triad

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



29.1543, 22.6071, 49.2814



23.9380, 22.6071, 6.3931



13.4905, 22.6071, 32.9084

Complementary

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



29.1543, 22.6071, 49.2814



30.9655, 41.6915, 21.7454

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.



13.4400, 22.6071, 18.4491



29.1543, 22.6071, 49.2814



18.9721, 22.6071, 6.4738

Square

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



29.1543, 22.6071, 49.2814



28.9240, 22.6071, 9.6680



15.2983, 22.6071, 9.9604



15.4490, 22.6071, 50.1436

Rectangle

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



29.1543, 22.6071, 49.2814



32.5602, 22.6071, 21.9357



15.2983, 22.6071, 9.9604



13.2614, 22.6071, 27.5047

Sweetspot

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



29.1551, 22.6080, 49.2819



73.1946, 71.2668, 94.0995



24.7978, 25.4947, 50.0687



15.8692, 15.3111, 20.6615



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.



29.1551, 22.6080, 49.2819



47.7153, 33.8122, 88.2129



33.8942, 25.1682, 44.2156



9.0664, 9.0006, 11.3389



11.3181, 5.1459, 31.6498



0.4633, 0.2146, 1.1187

Inverse Universe

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



30.6320, 23.8633, 27.0372



51.1197, 36.6191, 40.8483



27.7463, 39.9650, 24.6217



9.1314, 9.0629, 10.0395



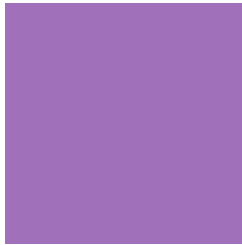
14.3047, 7.2956, 4.2252



0.5343, 0.2692, 0.3068

Previews

White Background



This preview shows how the XYZ color 29.1543, 22.6071, 49.2814 looks on a white background.

Color Contrast Check

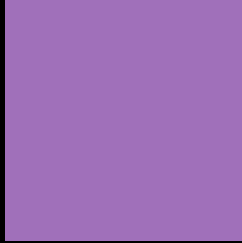
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.1543, 22.6071, 49.2814 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

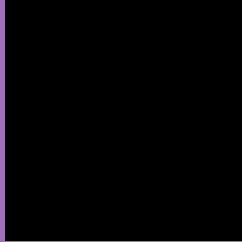
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 29.1543, 22.6071, 49.2814

Background



This preview shows how black text looks on a background with the XYZ color 29.1543, 22.6071, 49.2814.



This preview shows how white text looks on a background with the XYZ color 29.1543, 22.6071,

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

29.1543, 22.6071, 49.2814

Protanopia

24.2194, 22.9348, 57.7939

Deuteranopia

23.4693, 22.9616, 47.9948



Tritanopia

24.2655, 22.5348, 25.2610

Trichromacy



Original Color

29.1543, 22.6071, 49.2814

Protanomaly

25.5375, 22.5417, 54.6348

Deuteranomaly

25.0948, 22.4519, 48.3584

Tritanomaly

25.7819, 22.4292, 32.6762

Monochromacy



Original Color

29.1543, 22.6071, 49.2814

Achromatopsia

23.0288, 24.2281, 26.3844

Achromatomaly

24.9237, 23.4411, 33.7828

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.1543, 22.6071, 49.2814 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, 112, 186)` looks like.

```
.text, #text, p{  
    color:rgb(160, 112, 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(160, 112, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 112, 186) }
```

Border

The CSS property to change the border of an element to XYZ 29.1543, 22.6071, 49.2814 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, 112, 186) }
```


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

```
.border{ border-color:rgb(160, 112, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 112, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 112, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 112, 186);  
box-shadow:4px 4px 4px 4px rgb(160, 112,  
186) }
```

Background

The CSS property to change the background color of an element to XYZ 29.1543, 22.6071, 49.2814 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 112, 186) }
```

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

```
.background{ background-color: rgb(160,  
112, 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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