

Converting Colors

XYZ(29.5282, 30.1284, 22.8025)

Have a look what the booklet for
XYZ(29.5282, 30.1284, 22.8025)
contains.

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Color

**XYZ(29.5176, 30.0699,
22.6607)**

Conversions

Conversions Part 1

Format	Color
Hex	A6927A
RGB	166, 146, 122
RGB Percent	65%, 57%, 48%
CMY	0.3490, 0.4274, 0.5216
CMYK	0.00, 0.12, 0.27, 0.35
HSL	33°, 20%, 56%
HSV	33°, 27%, 65%
XYZ	29.5176, 30.0699, 22.6607
YIQ	149.2440, 19.6240, -3.2240

Conversions

Conversions Part 2

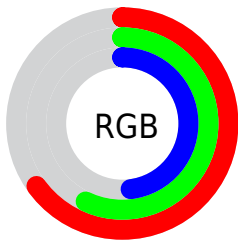
Format	Color
RYB	159, 166, 122
Decimal	10916474
CIELab	61.71, 3.62, 15.47
CIElCh	62, 15.886, 76.822
Yxy	30.0699, 0.3589, 0.3656
Android (android.graphics.Color)	4289106554 (0xFFA6927A)
YUV	149.2440, -13.4313, 14.6950
Hunter-Lab	54.8360, 0.1214, 13.8839

Details

The XYZ color **29.5176, 30.0699, 22.6607** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **24.5817, 26.2360, 39.8449**, and the grayscale version is **28.7195, 30.2151, 32.9043**.

A 20% lighter version of the original color is **58.4185, 59.8941, 48.5261**, and **12.1955, 12.3575, 8.0458** is the 20% darker color. If you saturate the color by 10%, you get **27.4510, 27.4445, 17.3235**, and if you desaturate by 10%, it is **31.8382, 32.9218, 28.9501**.

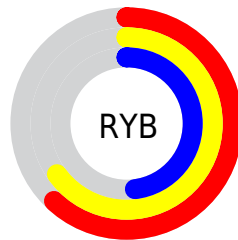
Distribution



Red (65%)

Green (57%)

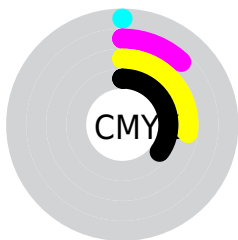
Blue (48%)



Red (62%)

Yellow (65%)

Blue (48%)

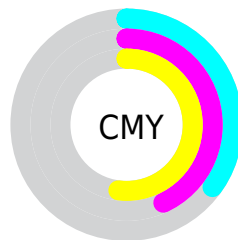


Cyan (0%)

Magenta (12%)

Yellow (27%)

Black (35%)



Cyan (35%)

Magenta (43%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.5176, 30.0699, 22.6607 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 29.5176, 30.0699, 22.6607 by changing the saturation by 10% instead.

■ 29.5176, 30.0699,
22.6607

■ 29.5176, 30.0699,
22.6607

291.5997,
302.2301, 279.0427

■ 19.6190, 19.8916,
14.1402

■ 58.2903, 59.7727,
48.7517

■ 12.2250, 12.3163,
8.0784

■ 77.8951, 80.0660,
67.1593

■ 6.9704, 6.9595,
4.0567

■ 101.4661,
104.4999, 89.6997

■ 3.4898, 3.4368,
1.6565

129.3684,
133.4586, 116.7915

■ 1.4177, 1.3638,
0.3307

161.9676,
167.3266, 148.8531

■ 0.2688, 0.1898,
0.0000

199.6290,

■ 0.0000, 0.0000,

206.4882, 186.3032

0.0000

242.7179,
251.3280, 229.5602

■ 29.5176, 30.0699,
22.6607

■ 29.5176, 30.0699,
22.6607

■ 27.4510, 27.4445,
17.3235

■ 31.8382, 32.9218,
28.9501

■ 25.6258, 25.0350,
12.8891

■ 34.4203, 36.0024,
36.2341

■ 24.0314, 22.8359,
9.3066

■ 37.2737, 39.3188,
44.5545

■ 22.6556, 20.8398,
6.5189

■ 40.4071, 42.8767,
53.9505

■ 21.4847, 19.0386,
4.4620

■ 43.8289, 46.6816,
64.4589

■ 20.5031, 17.4234,
3.0619

■ 47.5468, 50.7385,
76.1150

■ 19.6892, 15.9828,
2.2138

■ 51.5685, 55.0527,
88.9524

■ 19.4294, 15.5140,
1.9705

■ 55.9013, 59.6289,
103.0034

■ 57.7974, 63.3701,
103.7931

Harmonies

Analogous

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



31.4542, 30.0699, 24.9617



29.5176, 30.0699, 22.6607



27.4198, 30.0699, 22.8110

Triad

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



29.5176, 30.0699, 22.6607



24.8623, 30.0699, 36.2282



31.6496, 30.0699, 41.3736

Complementary

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



29.5176, 30.0699, 22.6607



24.5817, 26.2360, 39.8449

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.



29.7736, 30.0699, 45.2012



29.5176, 30.0699, 22.6607



25.8874, 30.0699, 41.9888

Square

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



29.5176, 30.0699, 22.6607



24.8013, 30.0699, 30.1573



27.6635, 30.0699, 45.4393



32.7254, 30.0699, 35.4683

Rectangle

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



29.5176, 30.0699, 22.6607



26.2121, 30.0699, 24.2755



27.6635, 30.0699, 45.4393



31.0875, 30.0699, 42.9760

Sweetspot

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



29.5184, 30.0713, 22.6613



61.6660, 64.3930, 63.4617



27.6083, 23.9955, 28.9784



13.6417, 14.2228, 13.7519



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



29.5184, 30.0713, 22.6613



51.2349, 51.6259, 35.0289



32.5694, 36.6270, 23.7659



7.8575, 8.1950, 7.9569



15.1137, 12.1247, 1.5437



0.4179, 0.3953, 0.0543

Inverse Universe

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



24.5817, 26.2360, 39.8449



40.6969, 43.4407, 71.7152



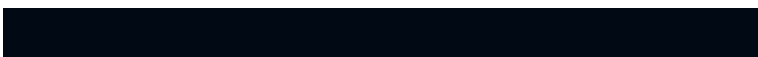
22.0781, 20.9181, 38.9504



7.4021, 7.8411, 9.5417



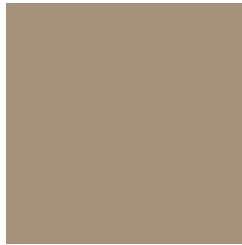
7.3573, 6.1749, 28.7796



0.2305, 0.2532, 0.7174

Previews

White Background



This preview shows how the XYZ color 29.5176, 30.0699, 22.6607 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 29.5176, 30.0699, 22.6607 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

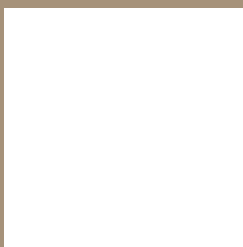
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 29.5176, 30.0699, 22.6607

Background



This preview shows how black text looks on a background with the XYZ color 29.5176, 30.0699, 22.6607.



This preview shows how white text looks on a background with the XYZ color 29.5176, 30.0699,

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

29.5176, 30.0699, 22.6607

Protanopia

28.4231, 30.1941, 23.0689

Deuteranopia

30.6312, 29.9592, 22.9072



Tritanopia

32.0003, 30.1920, 34.2780

Trichromacy



Original Color

29.5176, 30.0699, 22.6607

Protanomaly

28.8630, 30.1869, 23.0443

Deuteranomaly

30.1260, 29.9226, 22.9267

Tritanomaly

31.0671, 30.0329, 29.7507

Monochromacy



Original Color

29.5176, 30.0699, 22.6607

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

28.7677, 30.0125, 28.7029

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.5176, 30.0699, 22.6607 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(166, 146, 122)` looks like.

```
.text, #text, p{  
    color:rgb(166, 146, 122)  
}
```

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(166, 146, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 146, 122) }
```

Border

The CSS property to change the border of an element to XYZ 29.5176, 30.0699, 22.6607 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(166, 146, 122) }
```


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

```
.border{ border-color:rgb(166, 146, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 146, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 146, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 146, 122);  
box-shadow:4px 4px 4px 4px rgb(166, 146,  
122) }
```

Background

The CSS property to change the background color of an element to XYZ 29.5176, 30.0699, 22.6607 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 146, 122) }
```

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

```
.background{ background-color: rgb(166,  
146, 122) }
```

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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