

Converting Colors

XYZ(26.6366, 22.2321, 36.6141)

Have a look what the booklet for
XYZ(26.6366, 22.2321, 36.6141)
contains.

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Color

**XYZ(26.5830, 22.2321,
36.6084)**

Conversions

Conversions Part 1

Format	Color
Hex	9D74A1
RGB	157, 116, 161
RGB Percent	62%, 45%, 63%
CMY	0.3843, 0.5451, 0.3686
CMYK	0.02, 0.28, 0.00, 0.37
HSL	295°, 19%, 54%
HSV	295°, 28%, 63%
XYZ	26.5830, 22.2321, 36.6084
YIQ	133.3890, 9.9910, 22.6870

Conversions

Conversions Part 2

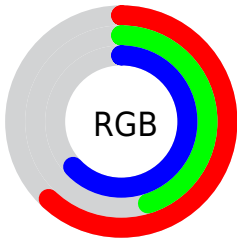
Format	Color
RYB	157, 116, 161
Decimal	10319009
CIELab	54.27, 24.08, -17.91
CIELCh	54, 30.015, 323.362
Yxy	22.2321, 0.3112, 0.2603
Android (android.graphics.Color)	4288509089 (0xFF9D74A1)
YUV	133.3890, 13.6122, 20.7068
Hunter-Lab	47.1509, 18.1216, -13.0276

Details

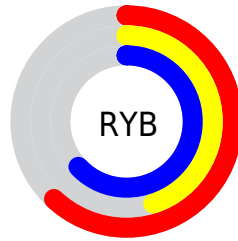
The XYZ color **26.5830, 22.2321, 36.6084** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **23.6439, 30.7444, 21.2122**, and the grayscale version is **22.3861, 23.5519, 25.6480**.

A 20% lighter version of the original color is **53.5487, 46.9602, 71.2076**, and **10.5932, 8.1217, 15.4773** is the 20% darker color. If you saturate the color by 10%, you get **24.6082, 18.6942, 36.0299**, and if you desaturate by 10%, it is **28.8841, 26.4169, 37.2952**.

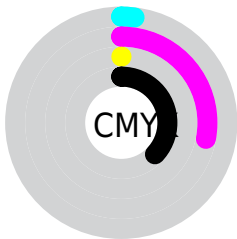
Distribution



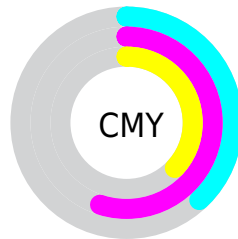
- Red (62%)
- Green (45%)
- Blue (63%)



- Red (62%)
- Yellow (45%)
- Blue (63%)



- Cyan (2%)
- Magenta (28%)
- Yellow (0%)
- Black (37%)



- Cyan (38%)
- Magenta (55%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.5830, 22.2321, 36.6084 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 26.5830, 22.2321, 36.6084 by changing the saturation by 10% instead.

■ 26.5830, 22.2321,
36.6084

■ 26.5830, 22.2321,
36.6084

277.8369,
263.7560, 346.7295

■ 17.3953, 14.0275,
24.6110

■ 53.6386, 47.1293,
71.1497

■ 10.6137, 8.1398,
15.5711

■ 72.2372, 64.5908,
94.5307

■ 5.8731, 4.1845,
9.0701

■ 94.7034, 85.9066,
122.5433

■ 2.8080, 1.7773,
4.6895

121.4027,
111.4613, 155.6060

■ 1.0531, 0.4730,
2.0107

152.7003,
141.6392, 194.1375

■ 0.0000, 0.0000,
0.5619

188.9616,

■ 0.0000, 0.0000,

176.8246, 238.5562

0.0000

230.5520,
217.4021, 289.2807

■ 26.5830, 22.2321,
36.6084

■ 26.5830, 22.2321,
36.6084

■ 24.6082, 18.6942,
36.0299

■ 28.8841, 26.4169,
37.2952

■ 22.9410, 15.7670,
35.5528

■ 31.5249, 31.2766,
38.0940

■ 21.5640, 13.4156,
35.1715

■ 34.5204, 36.8408,
39.0101

■ 20.4572, 11.5997,
34.8793

■ 37.8842, 43.1367,
40.0481

■ 19.5982, 10.2744,
34.6688

■ 41.6292, 50.1901,
41.2122

■ 18.9605, 9.3873,
34.5312

■ 45.7676, 58.0254,
42.5064

■ 18.4984, 8.8464,
34.4511

■ 50.3111, 66.6660,
43.9347

■ 18.4100, 8.7475,
34.4367

■ 55.2709, 76.1341,
45.5009

■ 58.7451, 82.6261,
46.5708

Harmonies

Analogous

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



23.7211, 22.2321, 44.7634



26.5830, 22.2321, 36.6084



28.0049, 22.2321, 26.3468

Triad

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



26.5830, 22.2321, 36.6084



21.8655, 22.2321, 10.3736



15.8728, 22.2321, 32.0646

Complementary

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



26.5830, 22.2321, 36.6084



23.6439, 30.7444, 21.2122

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.



15.4853, 22.2321, 22.1863



26.5830, 22.2321, 36.6084



18.7366, 22.2321, 11.1626

Square

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



26.5830, 22.2321, 36.6084



25.1057, 22.2321, 12.4505



16.4805, 22.2321, 14.9799



17.5995, 22.2321, 41.7028

Rectangle

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



26.5830, 22.2321, 36.6084



27.8509, 22.2321, 20.2828



16.4805, 22.2321, 14.9799



15.5895, 22.2321, 28.6072

Sweetspot

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



26.5837, 22.2331, 36.6089



56.3562, 55.8251, 68.1916



20.4132, 19.8409, 36.4724



12.2029, 11.9534, 14.9077



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



26.5837, 22.2331, 36.6089



45.1791, 35.4527, 64.8484



25.9020, 22.0520, 28.8787



7.3020, 7.1700, 8.9022



14.7208, 6.9954, 27.5041



0.3262, 0.1557, 0.5787

Inverse Universe

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



24.3343, 21.4250, 20.6234



40.4711, 33.7722, 30.9020



24.2512, 30.9246, 27.2461



7.0982, 7.0957, 7.5033



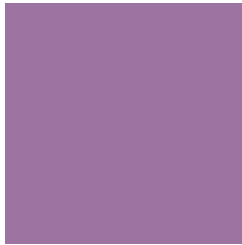
11.8110, 6.0804, 0.9292



0.2554, 0.1306, 0.0573

Previews

White Background



This preview shows how the XYZ color 26.5830, 22.2321, 36.6084 looks on a white background.

Color Contrast Check

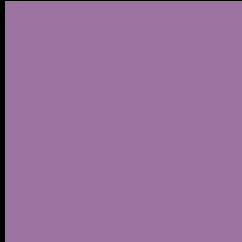
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.5830, 22.2321, 36.6084 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 26.5830, 22.2321, 36.6084

Background



This preview shows how black text looks on a background with the XYZ color 26.5830, 22.2321, 36.6084.



This preview shows how white text looks on a background with the XYZ color 26.5830, 22.2321,

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

26.5830, 22.2321, 36.6084

Protanopia

22.7137, 22.5247, 41.1808

Deuteranopia

22.7495, 22.2711, 35.9006



Tritanopia

24.1931, 22.3301, 24.5077

Trichromacy



Original Color

26.5830, 22.2321, 36.6084

Protanomaly

23.8556, 22.1919, 39.5854

Deuteranomaly

24.0756, 22.1930, 36.2725

Tritanomaly

24.9254, 22.2560, 28.5733

Monochromacy



Original Color

26.5830, 22.2321, 36.6084

Achromatopsia

22.2940, 23.4551, 25.5426

Achromatomaly

23.7026, 22.9127, 29.1599

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.5830, 22.2321, 36.6084 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(157, 116, 161)` looks like.

```
.text, #text, p{  
    color:rgb(157, 116, 161)  
}
```

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(157, 116, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 116, 161) }
```

Border

The CSS property to change the border of an element to XYZ 26.5830, 22.2321, 36.6084 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(157, 116, 161) }
```


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

```
.border{ border-color:rgb(157, 116, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 116, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 116, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 116, 161);  
box-shadow:4px 4px 4px 4px rgb(157, 116,  
161) }
```

Background

The CSS property to change the background color of an element to XYZ 26.5830, 22.2321, 36.6084 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 116, 161) }
```

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

```
.background{ background-color: rgb(157,  
116, 161) }
```

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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