

Converting Colors

XYZ(26.9146, 22.6327, 34.8531)

Have a look what the booklet for
XYZ(26.9146, 22.6327, 34.8531)
contains.

XYZ(26.9443, 22.6305, 34.8463)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(26.9443, 22.6305,
34.8463)**

Conversions

Conversions Part 1

Format	Color
Hex	A0759D
RGB	160, 117, 157
RGB Percent	63%, 46%, 62%
CMY	0.3725, 0.5412, 0.3843
CMYK	0.00, 0.27, 0.02, 0.37
HSL	304°, 18%, 54%
HSV	304°, 27%, 63%
XYZ	26.9443, 22.6305, 34.8463
YIQ	134.4170, 12.7880, 21.5560

Conversions

Conversions Part 2

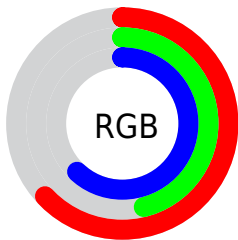
Format	Color
R_{YB}	160, 117, 157
Decimal	10515869
CIE _{Lab}	54.69, 23.76, -14.92
CIE _{LCh}	55, 28.059, 327.867
Yxy	22.6305, 0.3192, 0.2681
Android (android.graphics.Color)	4288705949 (0xFFA0759D)
YUV	134.4170, 11.1334, 22.4363
Hunter-Lab	47.5715, 17.8514, -10.1301

Details

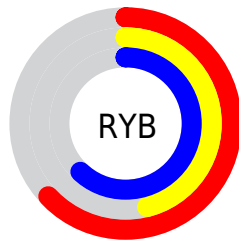
The XYZ color **26.9443, 22.6305, 34.8463** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **23.2980, 30.2803, 22.3873**, and the grayscale version is **22.7710, 23.9569, 26.0891**.

A 20% lighter version of the original color is **54.2827, 47.9500, 68.6816**, and **10.8530, 8.3630, 14.6779** is the 20% darker color. If you saturate the color by 10%, you get **25.1424, 19.1781, 33.7778**, and if you desaturate by 10%, it is **29.0671, 26.7225, 36.0266**.

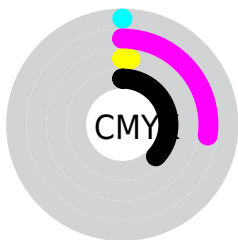
Distribution



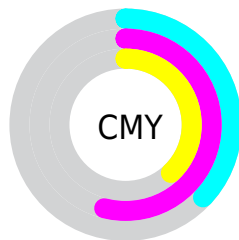
- Red (63%)
- Green (46%)
- Blue (62%)



- Red (63%)
- Yellow (46%)
- Blue (62%)



- Cyan (0%)
- Magenta (27%)
- Yellow (2%)
- Black (37%)



- Cyan (37%)
- Magenta (54%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.9443, 22.6305, 34.8463 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 26.9443, 22.6305, 34.8463 by changing the saturation by 10% instead.

■ 26.9443, 22.6305,
34.8463

■ 26.9443, 22.6305,
34.8463

279.5598,
265.8214, 338.7730

■ 17.6678, 14.3209,
23.2619

■ 54.2150, 47.7859,
68.3965

■ 10.8100, 8.3442,
14.5799

■ 72.9399, 65.4005,
91.1993

■ 6.0055, 4.3160,
8.3817

■ 95.5449, 86.8855,
118.5787

■ 2.8891, 1.8518,
4.2489

122.3954,
112.6254, 150.9532

■ 1.0954, 0.5192,
1.7629

153.8568,
143.0046, 188.7413

■ 0.0213, 0.0000,
0.4033

190.2945,

■ 0.0000, 0.0000,

178.4074, 232.3617

0.0000

232.0737,
219.2182, 282.2327

■ 26.9443, 22.6305,
34.8463

■ 26.9443, 22.6305,
34.8463

■ 25.1424, 19.1781,
33.7778

■ 29.0671, 26.7225,
36.0266

■ 23.6431, 16.3300,
32.8141

■ 31.5238, 31.4812,
37.3223

■ 22.4295, 14.0519,
31.9500

■ 34.3291, 36.9358,
38.7385

■ 21.4821, 12.3048,
31.1788

■ 37.4964, 43.1128,
40.2796

■ 20.7790, 11.0450,
30.4934

■ 41.0382, 50.0376,
41.9500

■ 20.2950, 10.2219,
29.8852

■ 44.9665, 57.7339,
43.7536

■ 19.9914, 9.7582,
29.3414

■ 49.2927, 66.2247,
45.6941

■ 19.9092, 9.6384,
29.1765

■ 54.0279, 75.5320,
47.7754

■ 57.2370, 81.7855,
49.3523

Harmonies

Analogous

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



24.4085, 22.6305, 42.9554



26.9443, 22.6305, 34.8463



28.0111, 22.6305, 25.2796

Triad

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



26.9443, 22.6305, 34.8463



21.7315, 22.6305, 11.2466



16.6724, 22.6305, 33.4823

Complementary

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



26.9443, 22.6305, 34.8463



23.2980, 30.2803, 22.3873

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.



16.1011, 22.6305, 24.0128



26.9443, 22.6305, 34.8463



18.8499, 22.6305, 12.4501

Square

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



26.9443, 22.6305, 34.8463



24.8276, 22.6305, 12.8563



16.8597, 22.6305, 16.6521



18.5012, 22.6305, 42.0444

Rectangle

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



26.9443, 22.6305, 34.8463



27.6756, 22.6305, 19.7795



16.8597, 22.6305, 16.6521



16.3351, 22.6305, 30.2397

Sweetspot

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



26.9450, 22.6315, 34.8468



56.6311, 55.9835, 67.4523



20.4347, 19.2454, 35.8958



12.2737, 11.9942, 14.7172



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.



26.9450, 22.6315, 34.8468



46.9747, 37.3522, 62.1321



25.2772, 21.9644, 26.0644



6.8842, 6.7466, 8.2412



15.5154, 7.5107, 22.7628



0.2828, 0.1364, 0.4352

Inverse Universe

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



26.9450, 22.6315, 34.8468



46.9747, 37.3522, 62.1321



24.7428, 30.8582, 29.9956



6.8842, 6.7466, 8.2412



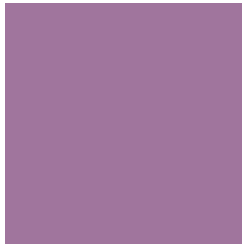
15.5154, 7.5107, 22.7628



0.2828, 0.1364, 0.4352

Previews

White Background



This preview shows how the XYZ color 26.9443, 22.6305, 34.8463 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 26.9443, 22.6305, 34.8463 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 26.9443, 22.6305, 34.8463

Background



This preview shows how black text looks on a background with the XYZ color 26.9443, 22.6305, 34.8463.



This preview shows how white text looks on a background with the XYZ color 26.9443, 22.6305,

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

26.9443, 22.6305, 34.8463

Protanopia

22.8916, 22.8560, 39.2815

Deuteranopia

23.1513, 22.7104, 34.1737



Tritanopia

24.9609, 22.7259, 24.5437

Trichromacy



Original Color

26.9443, 22.6305, 34.8463

Protanomaly

24.0978, 22.5458, 37.7320

Deuteranomaly

24.3637, 22.5664, 34.5241

Tritanomaly

25.5506, 22.5955, 27.8256

Monochromacy



Original Color

26.9443, 22.6305, 34.8463

Achromatopsia

22.6597, 23.8398, 25.9615

Achromatomaly

23.9293, 23.2310, 28.8140

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.9443, 22.6305, 34.8463 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, 117, 157)` looks like.

```
.text, #text, p{  
    color:rgb(160, 117, 157)  
}
```

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, 117, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 117, 157) }
```

Border

The CSS property to change the border of an element to XYZ 26.9443, 22.6305, 34.8463 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, 117, 157) }
```


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

```
.border{ border-color:rgb(160, 117, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 117, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 117, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 117, 157);  
box-shadow:4px 4px 4px 4px rgb(160, 117,  
157) }
```

Background

The CSS property to change the background color of an element to XYZ 26.9443, 22.6305, 34.8463 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 117, 157) }
```

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

```
.background{ background-color: rgb(160,  
117, 157) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor