

Converting Colors

XYZ(26.5894, 22.0620, 46.6590)

Have a look what the booklet for
XYZ(26.5894, 22.0620, 46.6590)
contains.

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Color

**XYZ(26.6185, 22.0300,
46.5653)**

Conversions

Conversions Part 1

Format	Color
Hex	9374B5
RGB	147, 116, 181
RGB Percent	58%, 45%, 71%
CMY	0.4235, 0.5451, 0.2902
CMYK	0.19, 0.36, 0.00, 0.29
HSL	269°, 31%, 58%
HSV	269°, 36%, 71%
XYZ	26.6185, 22.0300, 46.5653
YIQ	132.6790, -2.3890, 26.7870

Conversions

Conversions Part 2

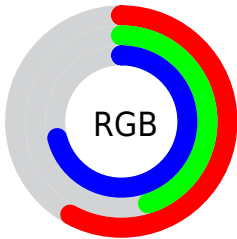
Format	Color
R_{YB}	147, 116, 181
Decimal	9663669
CIE _{Lab}	54.06, 25.15, -29.89
CIE _{LCh}	54, 39.065, 310.077
Yxy	22.0300, 0.2796, 0.2314
Android (android.graphics.Color)	4287853749 (0xFF9374B5)
YUV	132.6790, 23.8223, 12.5595
Hunter-Lab	46.9361, 19.0930, -25.9663

Details

The XYZ color **26.6185, 22.0300, 46.5653** is a light color, and the websafe version is hex **996699**. A complement of this color would be **32.2545, 40.7932, 22.6978**, and the grayscale version is **22.0953, 23.2459, 25.3148**.

A 20% lighter version of the original color is **53.6458, 46.6762, 86.3027**, and **10.6228, 8.0057, 21.4075** is the 20% darker color. If you saturate the color by 10%, you get **23.1035, 17.4170, 45.8605**, and if you desaturate by 10%, it is **30.6813, 27.5298, 47.4131**.

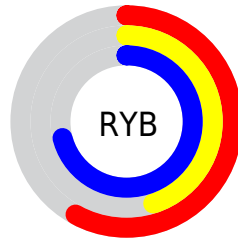
Distribution



Red (58%)

Green (45%)

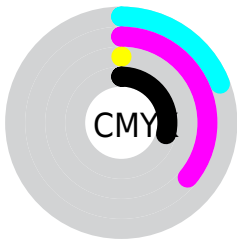
Blue (71%)



Red (58%)

Yellow (45%)

Blue (71%)

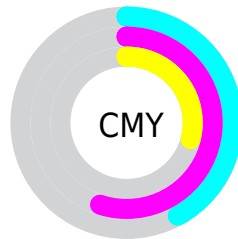


Cyan (19%)

Magenta (36%)

Yellow (0%)

Black (29%)



Cyan (42%)

Magenta (55%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.6185, 22.0300, 46.5653 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 26.6185, 22.0300, 46.5653 by changing the saturation by 10% instead.

■ 26.6185, 22.0300,
46.5653

■ 26.6185, 22.0300,
46.5653

278.0065,
262.7029, 389.4201

■ 17.4220, 13.8789,
32.3403

■ 53.6953, 46.7956,
86.4076

■ 10.6330, 8.0365,
21.3546

■ 72.3063, 64.1789,
112.8619

■ 5.8861, 4.1183,
13.1897

■ 94.7862, 85.4084,
144.2297

■ 2.8159, 1.7400,
7.4270

■ 121.5004,
110.8685, 180.9295

■ 1.0572, 0.4493,
3.6481

152.8141,
140.9436, 223.3799

■ 0.0000, 0.0000,
1.4343

189.0928,

■ 0.0000, 0.0000,

176.0181, 271.9995

0.1683

230.7019,
216.4764, 327.2067

■ 0.0000, 0.0000,
0.0000

■ 26.6185, 22.0300,
46.5653

■ 26.6185, 22.0300,
46.5653

■ 23.1035, 17.4170,
45.8605

■ 30.6813, 27.5298,
47.4131

■ 20.1069, 13.6391,
45.2892

■ 35.3145, 33.9589,
48.4098

■ 17.5999, 10.6428,
44.8431

■ 40.5424, 41.3603,
49.5629

■ 15.5493, 8.3677,
44.5120

■ 46.3869, 49.7736,
50.8788

■ 13.9174, 6.7434,
44.2845

■ 52.8688, 59.2359,
52.3636

12.6564, 5.6804,
44.1458

60.0079, 69.7826,
54.0230

12.2082, 5.3301,
44.1018

67.8230, 81.4474,
55.8627

74.4530, 90.5035,
57.2612

77.4478, 92.0474,
57.4014

Harmonies

Analogous

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



22.3931, 22.0300, 54.9715



26.6185, 22.0300, 46.5653



29.5456, 22.0300, 32.8234

Triad

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



26.6185, 22.0300, 46.5653



23.8318, 22.0300, 8.0853



13.9138, 22.0300, 28.2938

Complementary

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



26.6185, 22.0300, 46.5653



32.2545, 40.7932, 22.6978

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.



14.1905, 22.0300, 16.8984



26.6185, 22.0300, 46.5653



19.5489, 22.0300, 7.5949

Square

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



26.6185, 22.0300, 46.5653



27.7927, 22.0300, 11.9067



16.1307, 22.0300, 10.2223



15.3160, 22.0300, 42.3068

Rectangle

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



26.6185, 22.0300, 46.5653



30.1617, 22.0300, 23.9556



16.1307, 22.0300, 10.2223



13.8185, 22.0300, 24.0182

Sweetspot

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



26.6193, 22.0309, 46.5658



67.5373, 66.8631, 87.6409



26.5567, 29.0760, 47.9289



14.3315, 14.0760, 18.8838



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



26.6193, 22.0309, 46.5658



42.6764, 32.8733, 82.3905



33.1383, 25.3916, 46.8709



8.4146, 8.4223, 10.6885



8.4951, 3.7152, 30.4064



0.3348, 0.1517, 0.9599

Inverse Universe

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



30.8071, 24.5173, 31.9634



51.5307, 38.1336, 51.3718



27.1708, 38.1724, 22.4598



8.6758, 8.5770, 9.7912



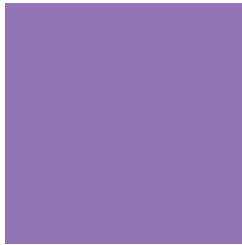
14.5860, 7.3519, 8.2456



0.4882, 0.2430, 0.4135

Previews

White Background



This preview shows how the XYZ color 26.6185, 22.0300, 46.5653 looks on a white background.

Color Contrast Check

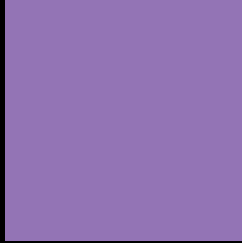
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.6185, 22.0300, 46.5653 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

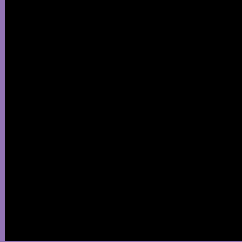
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 26.6185, 22.0300, 46.5653

Background



This preview shows how black text looks on a background with the XYZ color 26.6185, 22.0300, 46.5653.



This preview shows how white text looks on a background with the XYZ color 26.6185, 22.0300,

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

26.6185, 22.0300, 46.5653

Protanopia

23.1903, 22.1477, 51.7679

Deuteranopia

22.6659, 22.2037, 45.7390



Tritanopia

22.3543, 21.9055, 25.9717

Trichromacy



Original Color

26.6185, 22.0300, 46.5653

Protanomaly

24.2210, 21.9647, 49.9767

Deuteranomaly

23.9033, 22.0706, 46.1802

Tritanomaly

23.7824, 21.9368, 32.6865

Monochromacy



Original Color

26.6185, 22.0300, 46.5653

Achromatopsia

22.2940, 23.4551, 25.5426

Achromatomaly

23.5756, 22.7840, 32.0093

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.6185, 22.0300, 46.5653 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(147, 116, 181)` looks like.

```
.text, #text, p{  
    color:rgb(147, 116, 181)  
}
```

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(147, 116, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 116, 181) }
```

Border

The CSS property to change the border of an element to XYZ 26.6185, 22.0300, 46.5653 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(147, 116, 181) }
```


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

```
.border{ border-color:rgb(147, 116, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 116, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 116, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 116, 181);  
box-shadow:4px 4px 4px 4px rgb(147, 116,  
181) }
```

Background

The CSS property to change the background color of an element to XYZ 26.6185, 22.0300, 46.5653 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 116, 181) }
```

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

```
.background{ background-color: rgb(147,  
116, 181) }
```

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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