

Converting Colors

XYZ(26.9314, 20.9794, 46.3731)

Have a look what the booklet for
XYZ(26.9314, 20.9794, 46.3731)
contains.

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Color

**XYZ(26.9460, 21.0458,
46.3581)**

Conversions

Conversions Part 1

Format	Color
Hex	996DB5
RGB	153, 109, 181
RGB Percent	60%, 43%, 71%
CMY	0.4000, 0.5725, 0.2902
CMYK	0.15, 0.40, 0.00, 0.29
HSL	277°, 33%, 57%
HSV	277°, 40%, 71%
XYZ	26.9460, 21.0458, 46.3581
YIQ	130.3640, 3.1120, 31.7200

Conversions

Conversions Part 2

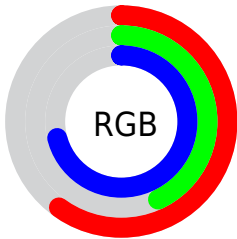
Format	Color
R_{YB}	153, 109, 181
Decimal	10055093
CIE _{Lab}	53.00, 31.05, -31.49
CIE _{LCh}	53, 44.228, 314.595
Yxy	21.0458, 0.2856, 0.2231
Android (android.graphics.Color)	4288245173 (0xFF996DB5)
YUV	130.3640, 24.9635, 19.8518
Hunter-Lab	45.8757, 24.5630, -27.8005

Details

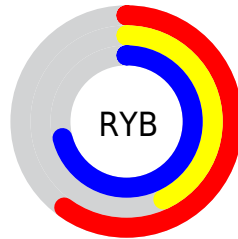
The XYZ color **26.9460, 21.0458, 46.3581** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **29.6014, 39.4708, 20.5274**, and the grayscale version is **21.2612, 22.3684, 24.3592**.

A 20% lighter version of the original color is **54.0434, 45.0141, 85.9610**, and **10.7677, 7.4996, 21.3021** is the 20% darker color. If you saturate the color by 10%, you get **23.9208, 16.9094, 45.7195**, and if you desaturate by 10%, it is **30.4486, 26.0194, 47.1338**.

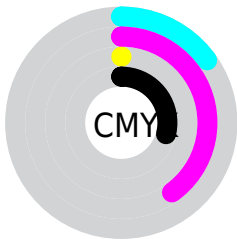
Distribution



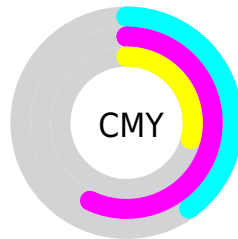
- Red (60%)
- Green (43%)
- Blue (71%)



- Red (60%)
- Yellow (43%)
- Blue (71%)



- Cyan (15%)
- Magenta (40%)
- Yellow (0%)
- Black (29%)



- Cyan (40%)
- Magenta (57%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.9460, 21.0458, 46.3581 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 26.9460, 21.0458, 46.3581 by changing the saturation by 10% instead.

■ 26.9460, 21.0458,
46.3581

■ 26.9460, 21.0458,
46.3581

279.5679,
257.5218, 388.5658

■ 17.6690, 13.1575,
32.1778

■ 54.2177, 45.1637,
86.0946

■ 10.8109, 7.5371,
21.2314

■ 72.9432, 62.1622,
112.4879

■ 6.0062, 3.8002,
13.1004

■ 95.5488, 82.9661,
143.7892

■ 2.8895, 1.5624,
7.3662

■ 122.4001,
107.9599, 180.4171

■ 1.0956, 0.3321,
3.6102

153.8623,
137.5279, 222.7902

■ 0.0214, 0.0000,
1.4140

190.3007,

■ 0.0000, 0.0000,

172.0547, 271.3270

0.1526

232.0808,
211.9245, 326.4460

■ 0.0000, 0.0000,
0.0000

■ 26.9460, 21.0458,
46.3581

■ 26.9460, 21.0458,
46.3581

■ 23.9208, 16.9094,
45.7195

■ 30.4486, 26.0194,
47.1338

■ 21.3449, 13.5579,
45.2083

■ 34.4502, 31.8734,
48.0529

■ 19.1904, 10.9367,
44.8160

■ 38.9737, 38.6508,
49.1226

■ 17.4248, 8.9832,
44.5319

■ 44.0396, 46.3911,
50.3496

■ 16.0102, 7.6234,
44.3440

■ 49.6675, 55.1315,
51.7401

■ 14.8713, 6.7095,
44.2277

■ 55.8758, 64.9072,
53.2998

■ 14.8473, 6.6906,
44.2253

■ 62.6821, 75.7515,
55.0342

■ 70.1033, 87.6964,
56.9487

■ 72.5235, 89.5088,
57.1709

Harmonies

Analogous

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



22.3376, 21.0458, 57.6145



26.9460, 21.0458, 46.3581



29.8994, 21.0458, 30.3969

Triad

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



26.9460, 21.0458, 46.3581



22.4688, 21.0458, 6.0517



12.5504, 21.0458, 29.9780

Complementary

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



26.9460, 21.0458, 46.3581



29.6014, 39.4708, 20.5274

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.



12.5744, 21.0458, 16.7746



26.9460, 21.0458, 46.3581



17.8378, 21.0458, 6.0133

Square

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



26.9460, 21.0458, 46.3581



27.0548, 21.0458, 9.2473



14.3692, 21.0458, 9.1087



14.2978, 21.0458, 45.9510

Rectangle

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



26.9460, 21.0458, 46.3581



30.2827, 21.0458, 20.9280



14.3692, 21.0458, 9.1087



12.3614, 21.0458, 25.0246

Sweetspot

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



26.9467, 21.0467, 46.3586



67.7497, 66.1254, 87.4873



23.7078, 24.7079, 47.2360



14.4151, 13.9490, 18.8549



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.



26.9467, 21.0467, 46.3586



43.3338, 30.9437, 81.9834



32.1458, 23.8100, 42.8442



8.5237, 8.4785, 10.6936



10.3148, 4.6532, 30.4915



0.3876, 0.1789, 0.9623

Inverse Universe

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



29.0407, 22.5680, 26.4932



47.9507, 34.2565, 40.0575



25.9953, 37.5651, 22.4657



8.6286, 8.5582, 9.5428



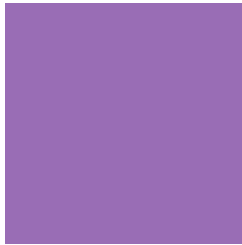
13.9393, 7.0933, 4.8404



0.4677, 0.2348, 0.3054

Previews

White Background



This preview shows how the XYZ color 26.9460, 21.0458, 46.3581 looks on a white background.

Color Contrast Check

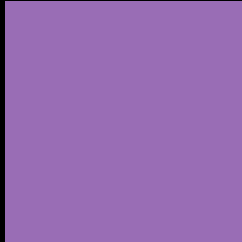
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.9460, 21.0458, 46.3581 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 26.9460, 21.0458, 46.3581

Background



This preview shows how black text looks on a background with the XYZ color 26.9460, 21.0458, 46.3581.



This preview shows how white text looks on a background with the XYZ color 26.9460, 21.0458,

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

26.9460, 21.0458, 46.3581

Protanopia

22.5507, 21.3871, 53.9785

Deuteranopia

21.6762, 21.1328, 45.0561



Tritanopia

22.3560, 21.0377, 23.6513

Trichromacy



Original Color

26.9460, 21.0458, 46.3581

Protanomaly

23.6673, 20.9327, 50.9371

Deuteranomaly

23.1910, 20.8083, 45.4419

Tritanomaly

23.8034, 20.9248, 30.8013

Monochromacy



Original Color

26.9460, 21.0458, 46.3581

Achromatopsia

21.2178, 22.3228, 24.3095

Achromatomaly

22.8656, 21.4923, 31.3770

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.9460, 21.0458, 46.3581 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(153, 109, 181)` looks like.

```
.text, #text, p{  
    color:rgb(153, 109, 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(153, 109, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 109, 181) }
```

Border

The CSS property to change the border of an element to XYZ 26.9460, 21.0458, 46.3581 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(153, 109, 181) }
```


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

```
.border{ border-color:rgb(153, 109, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 109, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 109, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 109, 181);  
box-shadow:4px 4px 4px 4px rgb(153, 109,  
181) }
```

Background

The CSS property to change the background color of an element to XYZ 26.9460, 21.0458, 46.3581 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 109, 181) }
```

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

```
.background{ background-color: rgb(153,  
109, 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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