

Converting Colors

XYZ(26.9927, 21.0500, 38.7172)

Have a look what the booklet for
XYZ(26.9927, 21.0500, 38.7172)
contains.

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Color

**XYZ(26.9434, 21.0554,
38.7204)**

Conversions

Conversions Part 1

Format	Color
Hex	A16CA6
RGB	161, 108, 166
RGB Percent	63%, 42%, 65%
CMY	0.3686, 0.5765, 0.3490
CMYK	0.03, 0.35, 0.00, 0.35
HSL	295°, 25%, 54%
HSV	295°, 35%, 65%
XYZ	26.9434, 21.0554, 38.7204
YIQ	130.4590, 12.9700, 29.2740

Conversions

Conversions Part 2

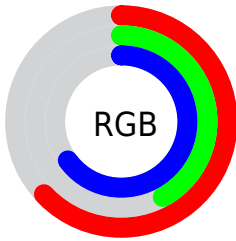
Format	Color
R_{YB}	161, 108, 166
Decimal	10579110
CIE _{Lab}	53.01, 31.00, -22.71
CIE _{LCh}	53, 38.428, 323.768
Yxy	21.0554, 0.3107, 0.2428
Android (android.graphics.Color)	4288769190 (0xFFA16CA6)
YUV	130.4590, 17.5217, 26.7845
Hunter-Lab	45.8862, 24.5107, -17.9107

Details

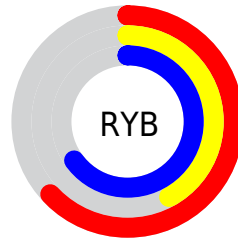
The XYZ color **26.9434, 21.0554, 38.7204** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **23.1538, 31.8664, 19.1190**, and the grayscale version is **21.3179, 22.4281, 24.4242**.

A 20% lighter version of the original color is **54.2372, 45.1138, 74.2558**, and **10.7856, 7.5310, 16.8048** is the 20% darker color. If you saturate the color by 10%, you get **25.0700, 17.7339, 38.1783**, and if you desaturate by 10%, it is **29.1548, 25.0471, 39.3746**.

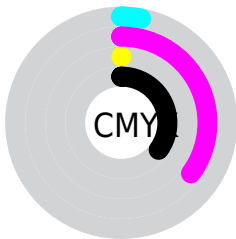
Distribution



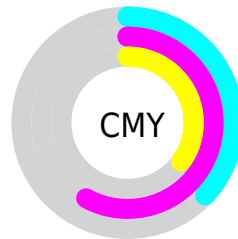
- Red (63%)
- Green (42%)
- Blue (65%)



- Red (63%)
- Yellow (42%)
- Blue (65%)



- Cyan (3%)
- Magenta (35%)
- Yellow (0%)
- Black (35%)





- Cyan (37%)
- Magenta (58%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.9434, 21.0554, 38.7204 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 26.9434, 21.0554, 38.7204 by changing the saturation by 10% instead.

 26.9434, 21.0554,
38.7204


 26.9434, 21.0554,
38.7204

279.5555,
257.5728, 356.0907

 17.6671, 13.1645,
26.2361


 54.2136, 45.1797,
74.4266


 10.8095, 7.5419,
16.7730


 72.9381, 62.1819,
98.4856

 6.0052, 3.8033,
9.9126


 95.5428, 82.9900,
127.2400

 2.8889, 1.5641,
5.2362

 122.3930,
107.9884, 161.1082

 1.0953, 0.3332,
2.3253

153.8540,
137.5615, 200.5089

 0.0212, 0.0000,
0.7454

190.2911,

 0.0000, 0.0000,

172.0937, 245.8605

0.0000

232.0699,
211.9693, 297.5816

■ 26.9434, 21.0554,
38.7204

■ 26.9434, 21.0554,
38.7204

■ 25.0700, 17.7339,
38.1783

■ 29.1548, 25.0471,
39.3746

■ 23.5136, 15.0420,
37.7408

■ 31.7196, 29.7411,
40.1455

■ 22.2540, 12.9386,
37.4012

■ 34.6548, 35.1711,
41.0389

■ 21.2677, 11.3771,
37.1518

■ 37.9756, 41.3673,
42.0598

■ 20.5278, 10.3035,
36.9835

■ 41.6964, 48.3586,
43.2132

■ 20.0008, 9.6511,
36.8854

■ 45.8310, 56.1724,
44.5035

■ 19.7739, 9.3987,
36.8486

■ 50.3922, 64.8344,
45.9350

■ 55.3925, 74.3697,
47.5120

■ 60.0719, 83.2581,
48.9810

Harmonies

Analogous

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



23.3041, 21.0554, 49.8552



26.9434, 21.0554, 38.7204



28.7553, 21.0554, 25.4225

Triad

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



26.9434, 21.0554, 38.7204



20.8663, 21.0554, 7.1750



13.7204, 21.0554, 33.0942

Complementary

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



26.9434, 21.0554, 38.7204



23.1538, 31.8664, 19.1190

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.



13.2501, 21.0554, 20.5980



26.9434, 21.0554, 38.7204



17.0465, 21.0554, 8.0136

Square

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



26.9434, 21.0554, 38.7204



24.9557, 21.0554, 9.2707



14.3855, 21.0554, 12.1435



15.7694, 21.0554, 45.9164

Rectangle

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



26.9434, 21.0554, 38.7204



28.5305, 21.0554, 18.0352



14.3855, 21.0554, 12.1435



13.3850, 21.0554, 28.6290

Sweetspot

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



26.9441, 21.0563, 38.7209



60.0133, 58.4897, 73.6019



19.0630, 17.9320, 38.5332



13.2706, 12.7946, 16.4223



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.



26.9441, 21.0563, 38.7209



46.1831, 33.3867, 69.4854



26.0319, 20.8102, 28.5527



7.7772, 7.6333, 9.4818



15.3532, 7.2983, 28.5750



0.3915, 0.1868, 0.6961

Inverse Universe

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



24.0698, 20.0254, 18.2206



40.2381, 31.2714, 26.3100



23.9316, 32.1052, 26.4804



7.5564, 7.5524, 7.9812



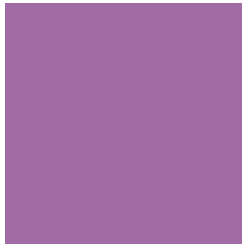
12.2657, 6.3150, 0.9448



0.3063, 0.1568, 0.0646

Previews

White Background



This preview shows how the XYZ color 26.9434, 21.0554, 38.7204 looks on a white background.

Color Contrast Check

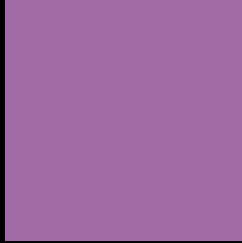
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.9434, 21.0554, 38.7204 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 26.9434, 21.0554, 38.7204

Background



This preview shows how black text looks on a background with the XYZ color 26.9434, 21.0554, 38.7204.



This preview shows how white text looks on a background with the XYZ color 26.9434, 21.0554,

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

26.9434, 21.0554, 38.7204

Protanopia

21.9007, 21.2369, 45.5927

Deuteranopia

21.6902, 21.3046, 37.6193



Tritanopia

23.4646, 20.9400, 22.2071

Trichromacy



Original Color

26.9434, 21.0554, 38.7204

Protanomaly

23.2901, 20.9168, 42.8542

Deuteranomaly

23.2893, 21.0249, 37.9527

Tritanomaly

24.5434, 20.8718, 27.5460

Monochromacy



Original Color

26.9434, 21.0554, 38.7204

Achromatopsia

21.2178, 22.3228, 24.3095

Achromatomaly

22.9020, 21.5650, 28.9420

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.9434, 21.0554, 38.7204 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(161, 108, 166)` looks like.

```
.text, #text, p{  
    color:rgb(161, 108, 166)  
}
```

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(161, 108, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 108, 166) }
```

Border

The CSS property to change the border of an element to XYZ 26.9434, 21.0554, 38.7204 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(161, 108, 166) }
```


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

```
.border{ border-color:rgb(161, 108, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 108, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 108, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 108, 166);  
box-shadow:4px 4px 4px 4px rgb(161, 108,  
166) }
```

Background

The CSS property to change the background color of an element to XYZ 26.9434, 21.0554, 38.7204 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 108, 166) }
```

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

```
.background{ background-color: rgb(161,  
108, 166) }
```

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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