

Converting Colors

XYZ(21.5127, 16.6044, 26.0134)

Have a look what the booklet for
XYZ(21.5127, 16.6044, 26.0134)
contains.

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Color

**XYZ(21.6285, 16.6948,
26.1272)**

Conversions

Conversions Part 1

Format	Color
Hex	985F8A
RGB	152, 95, 138
RGB Percent	60%, 37%, 54%
CMY	0.4039, 0.6274, 0.4588
CMYK	0.00, 0.37, 0.09, 0.40
HSL	315°, 23%, 48%
HSV	315°, 37%, 60%
XYZ	21.6285, 16.6948, 26.1272
YIQ	116.9450, 20.1690, 25.4570

Conversions

Conversions Part 2

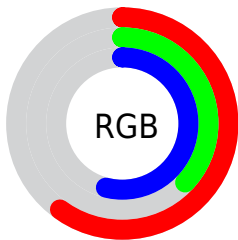
Format	Color
R_{YB}	152, 95, 138
Decimal	9985930
CIE _{Lab}	47.87, 29.94, -14.16
CIE _{LCh}	48, 33.120, 334.697
Yxy	16.6948, 0.3356, 0.2590
Android (android.graphics.Color)	4288176010 (0xFF985F8A)
YUV	116.9450, 10.3801, 30.7432
Hunter-Lab	40.8593, 22.9837, -9.3111

Details

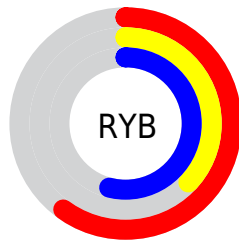
The XYZ color **21.6285, 16.6948, 26.1272** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **18.7085, 25.9939, 18.5004**, and the grayscale version is **16.8565, 17.7343, 19.3127**.

A 20% lighter version of the original color is **45.5698, 37.8944, 54.2028**, and **8.0335, 5.4469, 9.8605** is the 20% darker color. If you saturate the color by 10%, you get **20.1250, 14.1128, 24.3153**, and if you desaturate by 10%, it is **23.4095, 19.8164, 28.0778**.

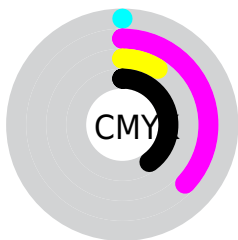
Distribution



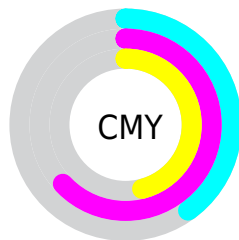
- Red (60%)
- Green (37%)
- Blue (54%)



- Red (60%)
- Yellow (37%)
- Blue (54%)



- Cyan (0%)
- Magenta (37%)
- Yellow (9%)
- Black (40%)



- Cyan (40%)
- Magenta (63%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.6285, 16.6948, 26.1272 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 21.6285, 16.6948, 26.1272 by changing the saturation by 10% instead.

21.6285, 16.6948,
26.1272

21.6285, 16.6948,
26.1272

253.2690,
233.4074, 297.0313

13.6993, 10.0171,
16.6922

45.6147, 37.8003,
54.4667

7.9921, 5.4103,
9.8557

62.4023, 52.9969,
74.2082

4.1416, 2.4900,
5.1990

82.8734, 71.8019,
98.2224

1.7826, 0.8716,
2.3037

107.3934, 94.5998,
126.9277

0.5071, 0.0000,
0.7333

136.3276,
121.7749, 160.7427

0.0000, 0.0000,
0.0000

170.0413,

153.7116, 200.0860

208.9000,
190.7943, 245.3760

■ 21.6285, 16.6948,
26.1272

■ 21.6285, 16.6948,
26.1272

■ 20.1250, 14.1128,
24.3153

■ 23.4095, 19.8164,
28.0778

■ 18.8818, 12.0368,
22.6355

■ 25.4808, 23.5040,
30.1712

■ 17.8820, 10.4331,
21.0817

■ 27.8565, 27.7850,
32.4129

■ 17.1061, 9.2629,
19.6470

■ 30.5490, 32.6844,
34.8073

■ 16.5317, 8.4812,
18.3235

■ 33.5702, 38.2258,
37.3590

■ 16.1194, 8.0097,
17.0975

■ 36.9313, 44.4315,
40.0719

■ 16.0242, 7.9055,
16.8001

■ 40.6430, 51.3227,
42.9502

■ 44.7156, 58.9196,
45.9976

■ 49.1588, 67.2418,
49.2178

Harmonies

Analogous

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



19.3560, 16.6948, 35.2708



21.6285, 16.6948, 26.1272



22.2869, 16.6948, 16.8677

Triad

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



21.6285, 16.6948, 26.1272



15.4036, 16.6948, 6.2422



11.6100, 16.6948, 29.2028

Complementary

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



21.6285, 16.6948, 26.1272



18.7085, 25.9939, 18.5004

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.



10.8175, 16.6948, 19.5540



21.6285, 16.6948, 26.1272



12.8263, 16.6948, 7.7530

Square

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



21.6285, 16.6948, 26.1272



18.4435, 16.6948, 7.0168



11.2334, 16.6948, 12.0305



13.5440, 16.6948, 37.4014

Rectangle

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



21.6285, 16.6948, 26.1272



21.6600, 16.6948, 12.1504



11.2334, 16.6948, 12.0305



11.2130, 16.6948, 25.9272

Sweetspot

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



21.6290, 16.6956, 26.1275



47.5467, 46.1096, 55.7101



15.9814, 13.6593, 31.5001



10.6885, 10.2668, 12.5510



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



21.6290, 16.6956, 26.1275



35.9211, 25.5876, 43.4216



19.8671, 15.9908, 16.8493



6.3963, 6.2977, 7.4672



13.4486, 6.6337, 14.1530



0.2150, 0.1048, 0.2851

Inverse Universe

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



21.6290, 16.6956, 26.1275



35.9211, 25.5876, 43.4216



20.4491, 26.6902, 27.6662



6.3963, 6.2977, 7.4672



13.4486, 6.6337, 14.1530



0.2150, 0.1048, 0.2851

Previews

White Background



This preview shows how the XYZ color 21.6285, 16.6948, 26.1272 looks on a white background.

Color Contrast Check

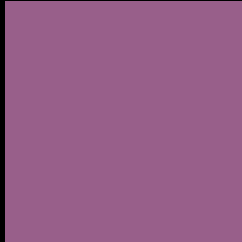
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 21.6285, 16.6948, 26.1272 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

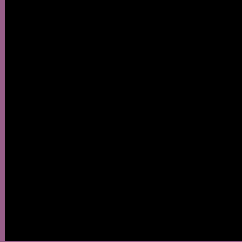
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 21.6285, 16.6948, 26.1272

Background



This preview shows how black text looks on a background with the XYZ color 21.6285, 16.6948, 26.1272.



This preview shows how white text looks on a background with the XYZ color 21.6285, 16.6948,

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

21.6285, 16.6948, 26.1272

Protanopia

17.2000, 16.9877, 31.6506

Deuteranopia

17.1278, 16.7630, 25.2545



Tritanopia

19.5732, 16.6860, 16.3765

Trichromacy



Original Color

21.6285, 16.6948, 26.1272

Protanomaly

18.2275, 16.4483, 29.4083

Deuteranomaly

18.3976, 16.4699, 25.5019

Tritanomaly

20.1860, 16.6452, 19.6017

Monochromacy



Original Color

21.6285, 16.6948, 26.1272

Achromatopsia

16.9083, 17.7888, 19.3720

Achromatomaly

18.3762, 17.1638, 21.7464

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.6285, 16.6948, 26.1272 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(152, 95, 138)` looks like.

```
.text, #text, p{  
    color:rgb(152, 95, 138)  
}
```

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(152, 95, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 95, 138) }
```

Border

The CSS property to change the border of an element to XYZ 21.6285, 16.6948, 26.1272 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(152, 95, 138) }
```


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

```
.border{ border-color:rgb(152, 95, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 95, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 95, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 95, 138);  
box-shadow:4px 4px 4px 4px rgb(152, 95,  
138) }
```

Background

The CSS property to change the background color of an element to XYZ 21.6285, 16.6948, 26.1272 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 95, 138) }
```

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

```
.background{ background-color: rgb(152, 95,  
138) }
```

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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