

Converting Colors

XYZ(21.0446, 16.3256, 24.5937)

Have a look what the booklet for
XYZ(21.0446, 16.3256, 24.5937)
contains.

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Color

**XYZ(21.0683, 16.3059,
24.5912)**

Conversions

Conversions Part 1

Format	Color
Hex	975E86
RGB	151, 94, 134
RGB Percent	59%, 37%, 53%
CMY	0.4078, 0.6314, 0.4745
CMYK	0.00, 0.38, 0.11, 0.41
HSL	318°, 23%, 48%
HSV	318°, 38%, 59%
XYZ	21.0683, 16.3059, 24.5912
YIQ	115.6030, 21.1320, 24.5240

Conversions

Conversions Part 2

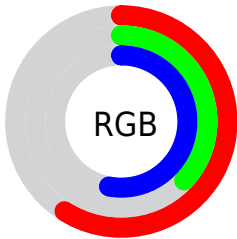
Format	Color
R_{YB}	151, 94, 134
Decimal	9920134
CIE _{Lab}	47.37, 29.44, -12.53
CIE _{LCh}	47, 31.995, 336.939
Yxy	16.3059, 0.3400, 0.2631
Android (android.graphics.Color)	4288110214 (0xFF975E86)
YUV	115.6030, 9.0697, 31.0432
Hunter-Lab	40.3806, 22.4652, -7.8404

Details

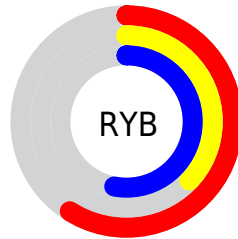
The XYZ color **21.0683, 16.3059, 24.5912** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **18.5526, 25.6612, 19.0153**, and the grayscale version is **16.4481, 17.3047, 18.8449**.

A 20% lighter version of the original color is **44.5486, 36.9605, 51.7998**, and **7.7228, 5.2467, 8.9932** is the 20% darker color. If you saturate the color by 10%, you get **19.5472, 13.7556, 22.5673**, and if you desaturate by 10%, it is **22.8664, 19.3884, 26.7738**.

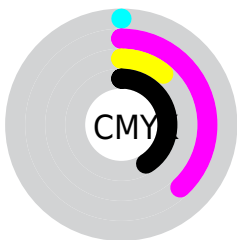
Distribution



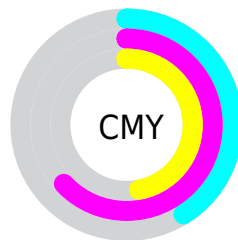
- Red (59%)
- Green (37%)
- Blue (53%)



- Red (59%)
- Yellow (37%)
- Blue (53%)



- Cyan (0%)
- Magenta (38%)
- Yellow (11%)
- Black (41%)



- Cyan (41%)
- Magenta (63%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.0683, 16.3059, 24.5912 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 21.0683, 16.3059, 24.5912 by changing the saturation by 10% instead.

21.0683, 16.3059,
24.5912

21.0683, 16.3059,
24.5912

250.3661,
231.1401, 289.1781

13.2867, 9.7409,
15.5565

44.6916, 37.1285,
51.9491

7.7046, 5.2275,
9.0599

61.2640, 52.1548,
71.1094

3.9567, 2.3813,
4.6829

81.4973, 70.7703,
94.4820

1.6777, 0.8163,
2.0070

105.7570, 93.3594,
122.4854

0.4422, 0.0000,
0.5596

134.4084,
120.3066, 155.5382

0.0000, 0.0000,
0.0000

167.8168,

151.9962, 194.0589

206.3476,
188.8125, 238.4660

■ 21.0683, 16.3059,
24.5912

■ 21.0683, 16.3059,
24.5912

■ 19.5472, 13.7556,
22.5673

■ 22.8664, 19.3884,
26.7738

■ 18.2862, 11.7045,
20.6951

■ 24.9544, 23.0292,
29.1197

■ 17.2686, 10.1192,
18.9684

■ 27.3461, 27.2554,
31.6344

■ 16.4750, 8.9615,
17.3799

■ 30.0538, 32.0916,
34.3229

■ 15.8831, 8.1868,
15.9214

■ 33.0894, 37.5611,
37.1897

■ 15.4523, 7.7143,
14.5784

■ 36.4640, 43.6859,
40.2394

■ 15.3623, 7.6192,
14.2865

■ 40.1881, 50.4868,
43.4763

■ 44.2719, 57.9840,
46.9043

■ 48.7251, 66.1966,
50.5275

Harmonies

Analogous

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



19.0068, 16.3059, 33.3654



21.0683, 16.3059, 24.5912



21.5571, 16.3059, 15.9360

Triad

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



21.0683, 16.3059, 24.5912



14.8496, 16.3059, 6.3364



11.5403, 16.3059, 28.8734

Complementary

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



21.0683, 16.3059, 24.5912



18.5526, 25.6612, 19.0153

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.



10.6965, 16.3059, 19.7060



21.0683, 16.3059, 24.5912



12.4505, 16.3059, 7.9784

Square

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



21.0683, 16.3059, 24.5912



17.7308, 16.3059, 6.9232



11.0082, 16.3059, 12.3190



13.4614, 16.3059, 36.3179

Rectangle

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



21.0683, 16.3059, 24.5912



20.8778, 16.3059, 11.5844



11.0082, 16.3059, 12.3190



11.1327, 16.3059, 25.7990

Sweetspot

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



21.0688, 16.3066, 24.5915



47.4220, 46.0597, 55.0535



16.0384, 13.5652, 31.0516



10.6571, 10.2543, 12.3861



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.



21.0688, 16.3066, 24.5915



35.4732, 25.4084, 41.0630



19.3856, 15.6334, 15.7279



6.3827, 6.2922, 7.3953



13.0818, 6.4870, 12.2218



0.2113, 0.1033, 0.2657

Inverse Universe

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



21.0688, 16.3066, 24.5915



35.4732, 25.4084, 41.0630



20.3180, 26.3673, 28.3113



6.3827, 6.2922, 7.3953



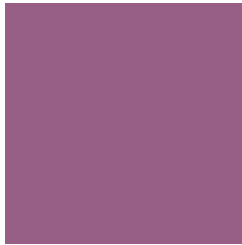
13.0818, 6.4870, 12.2218



0.2113, 0.1033, 0.2657

Previews

White Background



This preview shows how the XYZ color 21.0683, 16.3059, 24.5912 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 21.0683, 16.3059, 24.5912 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

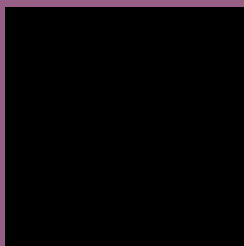
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 21.0683, 16.3059, 24.5912

Background



This preview shows how black text looks on a background with the XYZ color 21.0683, 16.3059, 24.5912.



This preview shows how white text looks on a background with the XYZ color 21.0683, 16.3059,

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

21.0683, 16.3059, 24.5912

Protanopia

16.5817, 16.3873, 29.4832

Deuteranopia

16.7429, 16.4354, 23.7626



Tritanopia

19.3284, 16.2811, 16.0338

Trichromacy



Original Color

21.0683, 16.3059, 24.5912

Protanomaly

17.8192, 16.1211, 27.7637

Deuteranomaly

18.0173, 16.1558, 23.9986

Tritanomaly

19.8800, 16.2233, 18.9132

Monochromacy



Original Color

21.0683, 16.3059, 24.5912

Achromatopsia

16.6002, 17.4647, 19.0191

Achromatomaly

17.9910, 16.8223, 21.0377

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.0683, 16.3059, 24.5912 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(151, 94, 134)` looks like.

```
.text, #text, p{  
    color:rgb(151, 94, 134)  
}
```

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(151, 94, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 94, 134) }
```

Border

The CSS property to change the border of an element to XYZ 21.0683, 16.3059, 24.5912 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(151, 94, 134) }
```


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

```
.border{ border-color:rgb(151, 94, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 94, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(151, 94, 134); -webkit-box-shadow:4px 4px 4px 4px rgb(151, 94, 134); box-shadow:4px 4px 4px 4px rgb(151, 94, 134) }
```

Background

The CSS property to change the background color of an element to XYZ 21.0683, 16.3059, 24.5912 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 94, 134) }
```

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

```
.background{ background-color: rgb(151, 94,  
134) }
```

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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