

Converting Colors

XYZ(19.4394, 14.6427, 22.4049)

Have a look what the booklet for
XYZ(19.4394, 14.6427, 22.4049)
contains.

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Color

**XYZ(19.4033, 14.6044,
22.5651)**

Conversions

Conversions Part 1

Format	Color
Hex	935781
RGB	147, 87, 129
RGB Percent	58%, 34%, 51%
CMY	0.4235, 0.6588, 0.4941
CMYK	0.00, 0.41, 0.12, 0.42
HSL	318°, 26%, 46%
HSV	318°, 41%, 58%
XYZ	19.4033, 14.6044, 22.5651
YIQ	109.7280, 22.2780, 25.7820

Conversions

Conversions Part 2

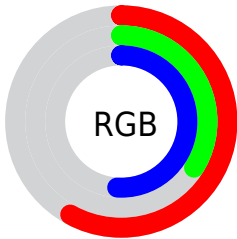
Format	Color
R_{YB}	147, 87, 129
Decimal	9656193
CIE _{Lab}	45.09, 31.10, -13.03
CIE _{LCh}	45, 33.720, 337.264
Yxy	14.6044, 0.3430, 0.2582
Android (android.graphics.Color)	4287846273 (0xFF935781)
YUV	109.7280, 9.5011, 32.6875
Hunter-Lab	38.2157, 23.7525, -8.2578

Details

The XYZ color **19.4033, 14.6044, 22.5651** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **16.9147, 23.9141, 17.0901**, and the grayscale version is **14.7127, 15.4789, 16.8566**.

A 20% lighter version of the original color is **41.8891, 34.1109, 48.6322**, and **6.8928, 4.4631, 8.0876** is the 20% darker color. If you saturate the color by 10%, you get **18.0454, 12.3474, 20.6972**, and if you desaturate by 10%, it is **21.0172, 17.3525, 24.5810**.

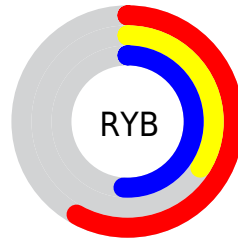
Distribution



Red (58%)

Green (34%)

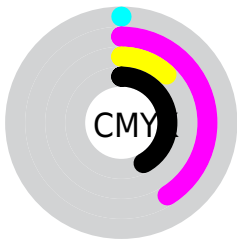
Blue (51%)



Red (58%)

Yellow (34%)

Blue (51%)

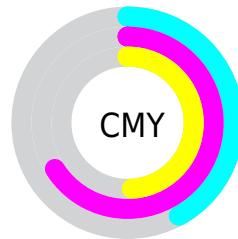


Cyan (0%)

Magenta (41%)

Yellow (12%)

Black (42%)



Cyan (42%)

Magenta (66%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.4033, 14.6044, 22.5651 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 19.4033, 14.6044, 22.5651 by changing the saturation by 10% instead.

■ 19.4033, 14.6044,
22.5651

■ 19.4033, 14.6044,
22.5651

241.5619,
220.9591, 278.5325

■ 12.0678, 8.5422,
14.0704

■ 41.9261, 34.1577,
48.5923

■ 6.8624, 4.4438,
8.0304

■ 57.8441, 48.4175,
66.9620

■ 3.4217, 1.9248,
4.0263

■ 77.3536, 66.1788,
89.4604

■ 1.3805, 0.5632,
1.6398

■ 100.8201, 87.8258,
116.5061

■ 0.2423, 0.0000,
0.3190

■ 128.6088,
113.7429, 148.5176

■ 0.0000, 0.0000,
0.0000

161.0850,

144.3146, 185.9135

198.6143,
179.9252, 229.1122

■ 19.4033, 14.6044,
22.5651

■ 19.4033, 14.6044,
22.5651

■ 18.0454, 12.3474,
20.6972

■ 21.0172, 17.3525,
24.5810

■ 16.9270, 10.5498,
18.9707

■ 22.8993, 20.6170,
26.7495

■ 16.0321, 9.1794,
17.3796

■ 25.0629, 24.4236,
29.0757

■ 15.3419, 8.1989,
15.9167

■ 27.5199, 28.7958,
31.5643

■ 14.8344, 7.5645,
14.5740

■ 30.2813, 33.7559,
34.2199

■ 14.4758, 7.1804,
13.4280

■ 33.3578, 39.3247,
37.0467

■ 36.7595, 45.5221,
40.0486

■ 40.4960, 52.3672,
43.2297

■ 44.5765, 59.8782,
46.5937

Harmonies

Analogous

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



17.3668, 14.6044, 31.4169



19.4033, 14.6044, 22.5651



19.8716, 14.6044, 14.0478

Triad

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



19.4033, 14.6044, 22.5651



13.2176, 14.6044, 5.0535



10.0547, 14.6044, 27.0576

Complementary

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



19.4033, 14.6044, 22.5651



16.9147, 23.9141, 17.0901

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.



9.2345, 14.6044, 17.9120



19.4033, 14.6044, 22.5651



10.8960, 14.6044, 6.5806

Square

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



19.4033, 14.6044, 22.5651



16.0459, 14.6044, 5.5655



9.5206, 14.6044, 10.6991



11.9203, 14.6044, 34.5565

Rectangle

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



19.4033, 14.6044, 22.5651



19.1816, 14.6044, 9.8813



9.5206, 14.6044, 10.6991



9.6598, 14.6044, 23.9742

Sweetspot

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



19.4037, 14.6051, 22.5654



44.2969, 42.7010, 51.4554



14.5010, 11.9270, 29.1420



10.0062, 9.5609, 11.6345



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



19.4037, 14.6051, 22.5654



32.4962, 22.4070, 37.3257



17.6935, 13.9210, 13.5596



5.9619, 5.8798, 6.9057



12.5609, 6.2294, 11.7003



0.1668, 0.0815, 0.2120

Inverse Universe

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



19.4037, 14.6051, 22.5654



32.4962, 22.4070, 37.3257



18.7380, 24.6435, 26.6913



5.9619, 5.8798, 6.9057



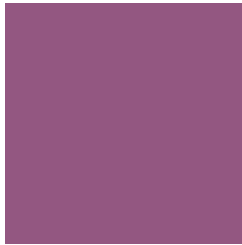
12.5609, 6.2294, 11.7003



0.1668, 0.0815, 0.2120

Previews

White Background



This preview shows how the XYZ color 19.4033, 14.6044, 22.5651 looks on a white background.

Color Contrast Check

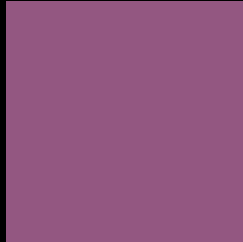
Large Text (above 18pt) WCAG AA ✓ Pass

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 19.4033, 14.6044, 22.5651 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

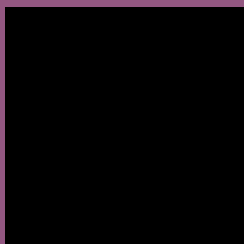
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 19.4033, 14.6044, 22.5651

Background



This preview shows how black text looks on a background with the XYZ color 19.4033, 14.6044, 22.5651.



This preview shows how white text looks on a background with the XYZ color 19.4033, 14.6044,

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

19.4033, 14.6044, 22.5651

Protanopia

14.9663, 14.8024, 27.6595

Deuteranopia

15.0018, 14.7977, 21.8042



Tritanopia

17.7162, 14.6781, 13.9560

Trichromacy



Original Color

19.4033, 14.6044, 22.5651

Protanomaly

16.0474, 14.3747, 25.5957

Deuteranomaly

16.2245, 14.4052, 22.0040

Tritanomaly

18.2874, 14.6496, 16.9027

Monochromacy



Original Color

19.4033, 14.6044, 22.5651

Achromatopsia

14.8208, 15.5926, 16.9804

Achromatomaly

16.1306, 14.9981, 18.8744

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.4033, 14.6044, 22.5651 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, 87, 129)` looks like.

```
.text, #text, p{  
    color:rgb(147, 87, 129)  
}
```

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, 87, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 87, 129) }
```

Border

The CSS property to change the border of an element to XYZ 19.4033, 14.6044, 22.5651 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, 87, 129) }
```


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

```
.border{ border-color:rgb(147, 87, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 87, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 87, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 87, 129);  
box-shadow:4px 4px 4px 4px rgb(147, 87,  
129) }
```

Background

The CSS property to change the background color of an element to XYZ 19.4033, 14.6044, 22.5651 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 87, 129) }
```

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

```
.background{ background-color: rgb(147, 87,  
129) }
```

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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