

Converting Colors

XYZ(16.4949, 13.9433, 18.8315)

Have a look what the booklet for
XYZ(16.4949, 13.9433, 18.8315)
contains.

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Color

**XYZ(16.5444, 13.9620,
18.9625)**

Conversions

Conversions Part 1

Format	Color
Hex	835D76
RGB	131, 93, 118
RGB Percent	51%, 36%, 46%
CMY	0.4863, 0.6353, 0.5373
CMYK	0.00, 0.29, 0.10, 0.49
HSL	321°, 17%, 44%
HSV	321°, 29%, 51%
XYZ	16.5444, 13.9620, 18.9625
YIQ	107.2120, 14.6230, 15.8310

Conversions

Conversions Part 2

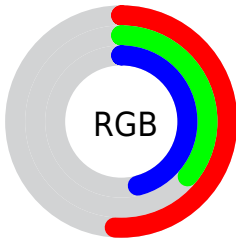
Format	Color
R_{YB}	131, 93, 118
Decimal	8609142
CIE Lab	44.18, 19.78, -7.93
CIE LCh	44, 21.315, 338.151
Yxy	13.9620, 0.3344, 0.2822
Android (android.graphics.Color)	4286799222 (0xFF835D76)
YUV	107.2120, 5.3185, 20.8621
Hunter-Lab	37.3658, 13.6442, -3.9327

Details

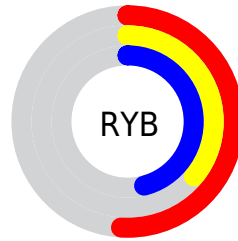
The XYZ color **16.5444, 13.9620, 18.9625** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **15.2326, 19.6007, 16.6170**, and the grayscale version is **14.0171, 14.7471, 16.0596**.

A 20% lighter version of the original color is **37.2365, 33.1631, 42.4687**, and **5.4758, 4.1455, 6.3059** is the 20% darker color. If you saturate the color by 10%, you get **15.2316, 11.7525, 17.2420**, and if you desaturate by 10%, it is **18.0676, 16.5718, 20.8159**.

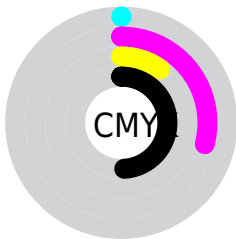
Distribution



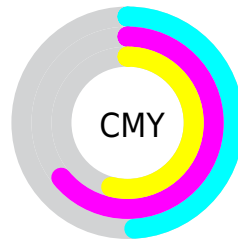
- Red (51%)
- Green (36%)
- Blue (46%)



- Red (51%)
- Yellow (36%)
- Blue (46%)



- Cyan (0%)
- Magenta (29%)
- Yellow (10%)
- Black (49%)



- Cyan (49%)
- Magenta (64%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.5444, 13.9620, 18.9625 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 16.5444, 13.9620, 18.9625 by changing the saturation by 10% instead.

■ 16.5444, 13.9620,
18.9625

■ 16.5444, 13.9620,
18.9625

225.7408,
216.9943, 258.6575

■ 10.0035, 8.0942,
11.4666

■ 37.0906, 33.0216,
42.5066

■ 5.4636, 4.1553,
6.2635

■ 51.8266, 46.9822,
59.3919

■ 2.5593, 1.7608,
2.9346

■ 70.0251, 64.4092,
80.2441

■ 0.9252, 0.4626,
1.0613

■ 92.0513, 85.6871,
105.4817

■ 0.0000, 0.0000,
0.0000

118.2706,
111.2001, 135.5233

149.0484,

141.3327, 170.7875

184.7500,
176.4693, 211.6927

■ 16.5444, 13.9620,
18.9625

■ 16.5444, 13.9620,
18.9625

■ 15.2316, 11.7525,
17.2420

■ 18.0676, 16.5718,
20.8159

■ 14.1179, 9.9212,
15.6493

■ 19.8096, 19.5988,
22.8053

■ 13.1925, 8.4469,
14.1801

■ 21.7796, 23.0611,
24.9349

■ 12.4432, 7.3054,
12.8295

■ 23.9861, 26.9752,
27.2082

■ 11.8562, 6.4695,
11.5918

■ 26.4369, 31.3567,
29.6287

■ 11.4157, 5.9076,
10.4610

■ 29.1398, 36.2207,
32.1997

■ 11.0794, 5.5357,
9.4219

■ 32.1018, 41.5812,
34.9244

■ 11.0472, 5.5001,
9.3220

■ 35.3300, 47.4520,
37.8057

■ 38.8311, 53.8462,
40.8468

Harmonies

Analogous

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



15.3957, 13.9620, 23.8244



16.5444, 13.9620, 18.9625



16.7794, 13.9620, 13.9122

Triad

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



16.5444, 13.9620, 18.9625



12.8120, 13.9620, 7.6859



10.8605, 13.9620, 21.7555

Complementary

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



16.5444, 13.9620, 18.9625



15.2326, 19.6007, 16.6170

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.



10.2883, 13.9620, 16.5697



16.5444, 13.9620, 18.9625



11.3504, 13.9620, 8.9606

Square

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



16.5444, 13.9620, 18.9625



14.5256, 13.9620, 8.0588



10.4597, 13.9620, 11.9752



12.0898, 13.9620, 25.6620

Rectangle

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



16.5444, 13.9620, 18.9625



16.3690, 13.9620, 11.1965



10.4597, 13.9620, 11.9752



10.5899, 13.9620, 20.0649

Sweetspot

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



16.5448, 13.9626, 18.9628



35.4075, 34.9798, 40.7648



13.9160, 12.5119, 23.1544



8.1461, 7.9737, 9.3821



64.0503, 67.3860, 73.3833



8.9945, 9.4630, 10.3052

Same Dimension

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



16.5448, 13.9626, 18.9628



27.9887, 22.2361, 31.8367



15.5430, 13.5619, 13.6873



4.7920, 4.7365, 5.5169



10.8755, 5.4145, 9.1827



0.0411, 0.0201, 0.0499

Inverse Universe

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



16.5448, 13.9626, 18.9628



27.9887, 22.2361, 31.8367



16.3113, 20.0322, 22.2977



4.7920, 4.7365, 5.5169



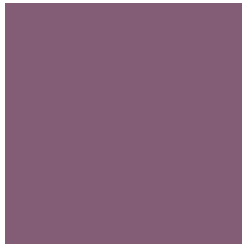
10.8755, 5.4145, 9.1827



0.0411, 0.0201, 0.0499

Previews

White Background



This preview shows how the XYZ color 16.5444, 13.9620, 18.9625 looks on a white background.

Color Contrast Check

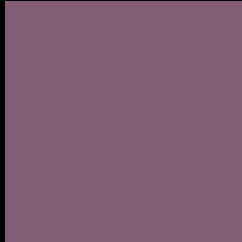
Large Text (above 18pt) WCAG AA ✓ Pass

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 16.5444, 13.9620, 18.9625 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

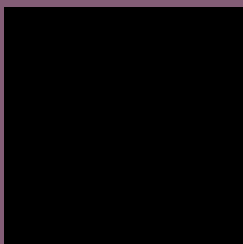
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 16.5444, 13.9620, 18.9625

Background



This preview shows how black text looks on a background with the XYZ color 16.5444, 13.9620, 18.9625.



This preview shows how white text looks on a background with the XYZ color 16.5444, 13.9620,

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

16.5444, 13.9620, 18.9625

Protanopia

13.9075, 14.0906, 21.3888

Deuteranopia

14.2104, 14.0149, 18.4792



Tritanopia

15.6843, 14.0121, 14.7099

Trichromacy



Original Color

16.5444, 13.9620, 18.9625

Protanomaly

14.6256, 13.8990, 20.3243

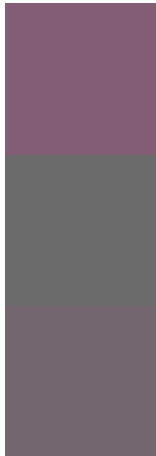
Deuteranomaly

15.0088, 13.9899, 18.7389

Tritanomaly

16.0049, 14.0130, 16.0486

Monochromacy



Original Color

16.5444, 13.9620, 18.9625

Achromatopsia

13.9749, 14.7027, 16.0113

Achromatomaly

14.8231, 14.3634, 17.0301

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.5444, 13.9620, 18.9625 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(131, 93, 118)` looks like.

```
.text, #text, p{  
    color:rgb(131, 93, 118)  
}
```

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(131, 93, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 93, 118) }
```

Border

The CSS property to change the border of an element to XYZ 16.5444, 13.9620, 18.9625 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(131, 93, 118) }
```


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

```
.border{ border-color:rgb(131, 93, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 93, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 93, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 93, 118);  
box-shadow:4px 4px 4px 4px rgb(131, 93,  
118) }
```

Background

The CSS property to change the background color of an element to XYZ 16.5444, 13.9620, 18.9625 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 93, 118) }
```

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

```
.background{ background-color: rgb(131, 93,  
118) }
```

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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