

Converting Colors

XYZ(19.1850, 16.4312, 25.4436)

Have a look what the booklet for
XYZ(19.1850, 16.4312, 25.4436)
contains.

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Color

**XYZ(19.1870, 16.4312,
25.4528)**

Conversions

Conversions Part 1

Format	Color
Hex	876688
RGB	135, 102, 136
RGB Percent	53%, 40%, 53%
CMY	0.4706, 0.6000, 0.4667
CMYK	0.01, 0.25, 0.00, 0.47
HSL	298°, 14%, 47%
HSV	298°, 25%, 53%
XYZ	19.1870, 16.4312, 25.4528
YIQ	115.7430, 8.7540, 17.5700

Conversions

Conversions Part 2

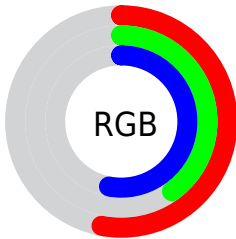
Format	Color
R_{YB}	135, 102, 136
Decimal	8873608
CIE _{Lab}	47.54, 19.45, -13.66
CIE _{LCh}	48, 23.768, 324.921
Yxy	16.4312, 0.3142, 0.2691
Android (android.graphics.Color)	4287063688 (0xFF876688)
YUV	115.7430, 9.9867, 16.8884
Hunter-Lab	40.5354, 13.5541, -8.8543

Details

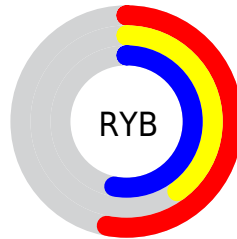
The XYZ color **19.1870, 16.4312, 25.4528** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **16.7965, 21.4516, 15.8264**, and the grayscale version is **16.4908, 17.3496, 18.8937**.

A 20% lighter version of the original color is **41.5628, 37.2754, 53.1484**, and **6.7922, 5.3356, 9.4760** is the 20% darker color. If you saturate the color by 10%, you get **17.8945, 13.9413, 25.0406**, and if you desaturate by 10%, it is **20.7000, 19.3613, 25.9389**.

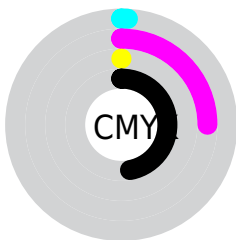
Distribution



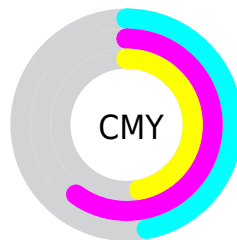
- Red (53%)
- Green (40%)
- Blue (53%)



- Red (53%)
- Yellow (40%)
- Blue (53%)



- Cyan (1%)
- Magenta (25%)
- Yellow (0%)
- Black (47%)



- Cyan (47%)
- Magenta (60%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.1870, 16.4312, 25.4528 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 19.1870, 16.4312, 25.4528 by changing the saturation by 10% instead.

■ 19.1870, 16.4312,
25.4528

■ 19.1870, 16.4312,
25.4528

240.3975,
231.8729, 293.6050

■ 11.9103, 9.8298,
16.1926

■ 41.5643, 37.3452,
53.3640

■ 6.7544, 5.2863,
9.5047

■ 57.3956, 52.4266,
72.8522

■ 3.3539, 2.4162,
4.9706

■ 76.8091, 71.1034,
96.5868

■ 1.3436, 0.8342,
2.1716

■ 100.1702, 93.7600,
124.9864

■ 0.2155, 0.0000,
0.6579

127.8442,
120.7809, 158.4694

■ 0.0000, 0.0000,
0.0000

160.1965,

152.5504, 197.4545

197.5925,
189.4529, 242.3602

■ 19.1870, 16.4312,
25.4528

■ 19.1870, 16.4312,
25.4528

■ 17.8945, 13.9413,
25.0406

■ 20.7000, 19.3613,
25.9389

■ 16.8104, 11.8680,
24.6975

■ 22.4420, 22.7492,
26.5010

■ 15.9235, 10.1888,
24.4201

■ 24.4229, 26.6145,
27.1427

■ 15.2212, 8.8785,
24.2042

■ 26.6513, 30.9747,
27.8668

■ 14.6893, 7.9085,
24.0451

■ 29.1359, 35.8466,
28.6762

■ 14.3115, 7.2465,
23.9372

■ 31.8844, 41.2462,
29.5736

■ 14.0653, 6.8472,
23.8731

■ 34.9046, 47.1887,
30.5614

■ 13.9601, 6.6834,
23.8470

■ 38.2037, 53.6888,
31.6422

■ 41.7889, 60.7606,
32.8182

Harmonies

Analogous

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



17.3942, 16.4312, 30.6665



19.1870, 16.4312, 25.4528



20.0279, 16.4312, 18.9417

Triad

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



19.1870, 16.4312, 25.4528



15.9801, 16.4312, 8.6173



12.2123, 16.4312, 23.2602

Complementary

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



19.1870, 16.4312, 25.4528



16.7965, 21.4516, 15.8264

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.



11.9071, 16.4312, 16.8795



19.1870, 16.4312, 25.4528



13.9659, 16.4312, 9.2714

Square

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



19.1870, 16.4312, 25.4528



18.0728, 16.4312, 9.9526



12.5204, 16.4312, 11.9979



13.3951, 16.4312, 29.2134

Rectangle

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



19.1870, 16.4312, 25.4528



19.8853, 16.4312, 15.0566



12.5204, 16.4312, 11.9979



12.0085, 16.4312, 21.0600

Sweetspot

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



19.1875, 16.4319, 25.4532



38.8529, 38.7347, 46.4771



14.7876, 14.3302, 25.2794



8.9630, 8.9025, 10.7523



65.7814, 69.2071, 75.3665



9.5508, 10.0482, 10.9424

Same Dimension

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



19.1875, 16.4319, 25.4532



32.4794, 26.3840, 44.4291



18.3035, 16.0970, 19.9546



5.2196, 5.1216, 6.3193



13.2141, 6.3263, 22.5703



0.0899, 0.0431, 0.1500

Inverse Universe

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



17.3534, 15.7169, 14.9516



28.6802, 24.9046, 22.6027



17.5463, 21.7383, 20.3697



5.0384, 5.0508, 5.2909



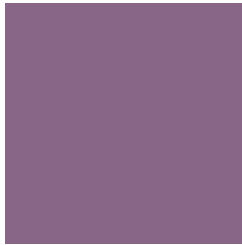
9.6312, 4.9626, 0.5622



0.0647, 0.0332, 0.0073

Previews

White Background



This preview shows how the XYZ color 19.1870, 16.4312, 25.4528 looks on a white background.

Color Contrast Check

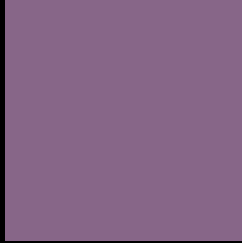
Large Text (above 18pt) WCAG AA ✓ Pass

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 19.1870, 16.4312, 25.4528 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 19.1870, 16.4312, 25.4528

Background



This preview shows how black text looks on a background with the XYZ color 19.1870, 16.4312, 25.4528.



This preview shows how white text looks on a background with the XYZ color 19.1870, 16.4312,

25.4528.

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

19.1870, 16.4312, 25.4528

Protanopia

16.5778, 16.5748, 28.3121

Deuteranopia

16.6891, 16.3838, 24.8370



Tritanopia

17.7070, 16.4285, 18.1573

Trichromacy



Original Color

19.1870, 16.4312, 25.4528

Protanomaly

17.2986, 16.3316, 27.0515

Deuteranomaly

17.5160, 16.3296, 25.1504

Tritanomaly

18.2373, 16.4948, 20.6350

Monochromacy



Original Color

19.1870, 16.4312, 25.4528

Achromatopsia

16.6002, 17.4647, 19.0191

Achromatomaly

17.4280, 17.0099, 21.1036

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.1870, 16.4312, 25.4528 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(135, 102, 136)` looks like.

```
.text, #text, p{  
    color:rgb(135, 102, 136)  
}
```

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(135, 102, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 102, 136) }
```

Border

The CSS property to change the border of an element to XYZ 19.1870, 16.4312, 25.4528 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(135, 102, 136) }
```


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

```
.border{ border-color:rgb(135, 102, 136) }
```

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

Here you see how a box with a 4 pixel rgb(135, 102, 136) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 102, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 102, 136);  
box-shadow:4px 4px 4px 4px rgb(135, 102,  
136) }
```

Background

The CSS property to change the background color of an element to XYZ 19.1870, 16.4312, 25.4528 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 102, 136) }
```

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

```
.background{ background-color: rgb(135,  
102, 136) }
```

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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