

Converting Colors

XYZ(19.5617, 17.5845, 24.2152)

Have a look what the booklet for
XYZ(19.5617, 17.5845, 24.2152)
contains.

XYZ(19.5191, 17.5420, 24.1870)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(19.5191, 17.5420,
24.1870)**

Conversions

Conversions Part 1

Format	Color
Hex	876C84
RGB	135, 108, 132
RGB Percent	53%, 42%, 52%
CMY	0.4706, 0.5765, 0.4823
CMYK	0.00, 0.20, 0.02, 0.47
HSL	307°, 11%, 48%
HSV	307°, 20%, 53%
XYZ	19.5191, 17.5420, 24.1870
YIQ	118.8090, 8.3880, 13.1880

Conversions

Conversions Part 2

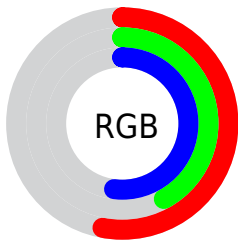
Format	Color
R_{YB}	135, 108, 132
Decimal	8875140
CIE _{Lab}	48.94, 15.10, -9.17
CIE _{LCh}	49, 17.662, 328.731
Yxy	17.5420, 0.3187, 0.2864
Android (android.graphics.Color)	4287065220 (0xFF876C84)
YUV	118.8090, 6.5032, 14.1995
Hunter-Lab	41.8832, 9.8920, -4.9210

Details

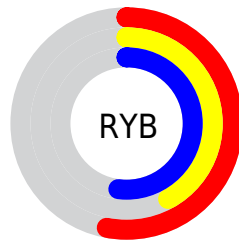
The XYZ color **19.5191, 17.5420, 24.1870** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **17.7183, 21.6643, 18.2877**, and the grayscale version is **17.4529, 18.3619, 19.9961**.

A 20% lighter version of the original color is **42.0668, 39.3358, 51.2743**, and **6.9235, 5.7875, 8.9358** is the 20% darker color. If you saturate the color by 10%, you get **18.1024, 14.8714, 23.2121**, and if you desaturate by 10%, it is **21.1589, 20.6557, 25.2439**.

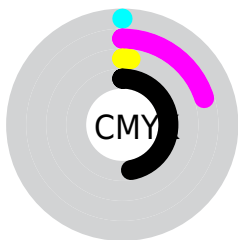
Distribution



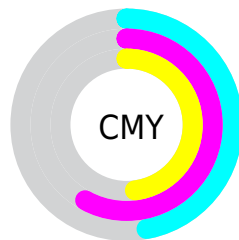
- Red (53%)
- Green (42%)
- Blue (52%)



- Red (53%)
- Yellow (42%)
- Blue (52%)



- Cyan (0%)
- Magenta (20%)
- Yellow (2%)
- Black (47%)



- Cyan (47%)
- Magenta (58%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.5191, 17.5420, 24.1870 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 19.5191, 17.5420, 24.1870 by changing the saturation by 10% instead.

■ 19.5191, 17.5420,
24.1870

■ 19.5191, 17.5420,
24.1870

242.1832,
238.2767, 287.0815

■ 12.1522, 10.6217,
15.2589

■ 42.1196, 39.2553,
51.2828

■ 6.9203, 5.8131,
8.8527

■ 58.0838, 54.8171,
70.2877

■ 3.4582, 2.7317,
4.5497

■ 77.6446, 74.0282,
93.4885

■ 1.4005, 0.9933,
1.9315

■ 101.1672, 97.2730,
121.3039

■ 0.2566, 0.0000,
0.5127

129.0170,
124.9358, 154.1523

■ 0.0000, 0.0000,
0.0000

161.5593,

157.4011, 192.4524

199.1596,
195.0533, 236.6226

■ 19.5191, 17.5420,
24.1870

■ 19.5191, 17.5420,
24.1870

■ 18.1024, 14.8714,
23.2121

■ 21.1589, 20.6557,
25.2439

■ 16.8969, 12.6213,
22.3147

■ 23.0295, 24.2292,
26.3850

■ 15.8925, 10.7707,
21.4914

■ 25.1405, 28.2810,
27.6135

■ 15.0770, 9.2959,
20.7384

■ 27.5003, 32.8279,
28.9323

■ 14.4375, 8.1706,
20.0512

■ 30.1169, 37.8862,
30.3441

■ 13.9589, 7.3650,
19.4248

■ 32.9980, 43.4709,
31.8515

■ 13.6242, 6.8446,
18.8534

■ 36.1510, 49.5970,
33.4569

■ 13.3820, 6.5071,
18.3199

■ 39.5829, 56.2784,
35.1629

■ 13.3819, 6.5070,
18.3198

■ 43.3004, 63.5288,
36.9715

Harmonies

Analogous

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



18.2369, 17.5420, 28.1740



19.5191, 17.5420, 24.1870



20.0320, 17.5420, 19.3012

Triad

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



19.5191, 17.5420, 24.1870



16.7432, 17.5420, 11.4134



14.0557, 17.5420, 23.7833

Complementary

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



19.5191, 17.5420, 24.1870



17.7183, 21.6643, 18.2877

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.



13.7125, 17.5420, 18.9007



19.5191, 17.5420, 24.1870



15.2015, 17.5420, 12.2196

Square

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



19.5191, 17.5420, 24.1870



18.3657, 17.5420, 12.3689



14.1182, 17.5420, 14.7819



15.0879, 17.5420, 27.9153

Rectangle

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



19.5191, 17.5420, 24.1870



19.8445, 17.5420, 16.3421



14.1182, 17.5420, 14.7819



13.8591, 17.5420, 22.1525

Sweetspot

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



19.5196, 17.5428, 24.1874



39.1353, 39.3629, 45.9778



16.2544, 15.8354, 25.1218



9.0219, 9.0370, 10.6225



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.



19.5196, 17.5428, 24.1874



33.7552, 29.1478, 42.5040



18.6726, 17.2040, 19.7271



4.8362, 4.7542, 5.7498



12.3427, 6.0014, 16.9088



0.0443, 0.0214, 0.0669

Inverse Universe

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



19.5196, 17.5428, 24.1874



33.7552, 29.1478, 42.5040



18.4997, 21.9769, 22.4027



4.8362, 4.7542, 5.7498



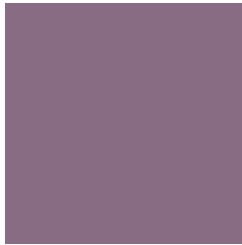
12.3427, 6.0014, 16.9088



0.0443, 0.0214, 0.0669

Previews

White Background



This preview shows how the XYZ color 19.5191, 17.5420, 24.1870 looks on a white background.

Color Contrast Check

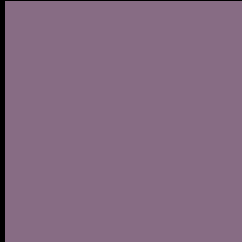
Large Text (above 18pt) WCAG AA ✓ Pass

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 19.5191, 17.5420, 24.1870 looks on a black 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

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

XYZ 19.5191, 17.5420, 24.1870

Background



This preview shows how black text looks on a background with the XYZ color 19.5191, 17.5420, 24.1870.



This preview shows how white text looks on a background with the XYZ color 19.5191, 17.5420,

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

19.5191, 17.5420, 24.1870

Protanopia

17.3282, 17.5124, 26.1338

Deuteranopia

17.8870, 17.5139, 23.9105



Tritanopia

18.5786, 17.4703, 19.8457

Trichromacy



Original Color

19.5191, 17.5420, 24.1870

Protanomaly

17.9131, 17.3307, 25.3227

Deuteranomaly

18.3854, 17.4432, 23.8706

Tritanomaly

18.9382, 17.4608, 21.4409

Monochromacy



Original Color

19.5191, 17.5420, 24.1870

Achromatopsia

17.5343, 18.4475, 20.0893

Achromatomaly

18.2263, 18.0767, 21.5973

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.5191, 17.5420, 24.1870 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, 108, 132)` looks like.

```
.text, #text, p{  
    color:rgb(135, 108, 132)  
}
```

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, 108, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 108, 132) }
```

Border

The CSS property to change the border of an element to XYZ 19.5191, 17.5420, 24.1870 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, 108, 132) }
```


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

```
.border{ border-color:rgb(135, 108, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 108, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 108, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 108, 132);  
box-shadow:4px 4px 4px 4px rgb(135, 108,  
132) }
```

Background

The CSS property to change the background color of an element to XYZ 19.5191, 17.5420, 24.1870 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 108, 132) }
```

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

```
.background{ background-color: rgb(135,  
108, 132) }
```

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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