

Converting Colors

XYZ(24.0649, 19.3794, 47.2743)

Have a look what the booklet for
XYZ(24.0649, 19.3794, 47.2743)
contains.

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Color

**XYZ(24.0631, 19.3783,
47.2719)**

Conversions

Conversions Part 1

Format	Color
Hex	886CB7
RGB	136, 108, 183
RGB Percent	53%, 42%, 72%
CMY	0.4667, 0.5765, 0.2824
CMYK	0.26, 0.41, 0.00, 0.28
HSL	262°, 34%, 57%
HSV	262°, 41%, 72%
XYZ	24.0631, 19.3783, 47.2719
YIQ	124.9220, -7.3870, 29.2610

Conversions

Conversions Part 2

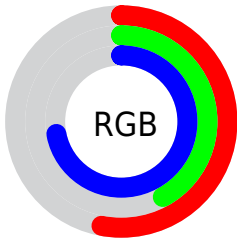
Format	Color
RYB	136, 108, 183
Decimal	8940727
CIELab	51.13, 26.97, -35.71
CIElCh	51, 44.744, 307.062
Yxy	19.3783, 0.2653, 0.2136
Android (android.graphics.Color)	4287130807 (0xFF886CB7)
YUV	124.9220, 28.6325, 9.7154
Hunter-Lab	44.0208, 20.5371, -32.8542

Details

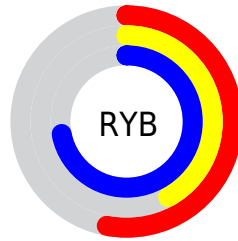
The XYZ color **24.0631, 19.3783, 47.2719** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **33.1585, 41.9188, 20.5317**, and the grayscale version is **19.3759, 20.3850, 22.1993**.

A 20% lighter version of the original color is **49.6367, 42.4500, 87.2389**, and **9.3013, 6.7282, 21.9275** is the 20% darker color. If you saturate the color by 10%, you get **20.5680, 15.0062, 46.6125**, and if you desaturate by 10%, it is **28.1640, 24.6648, 48.0765**.

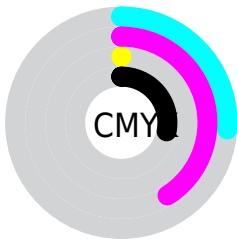
Distribution



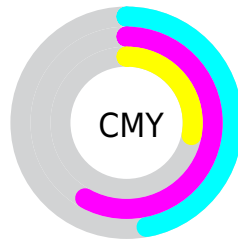
- Red (53%)
- Green (42%)
- Blue (72%)



- Red (53%)
- Yellow (42%)
- Blue (72%)



- Cyan (26%)
- Magenta (41%)
- Yellow (0%)
- Black (28%)



- Cyan (47%)
- Magenta (58%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.0631, 19.3783, 47.2719 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 24.0631, 19.3783, 47.2719 by changing the saturation by 10% instead.

■ 24.0631, 19.3783,
47.2719

■ 24.0631, 19.3783,
47.2719

265.5739,
248.5293, 392.3239

■ 15.5054, 11.9439,
32.8948

■ 49.5871, 42.3724,
87.4736

■ 9.2635, 6.7055,
21.7754

■ 67.2841, 58.7009,
114.1352

■ 4.9719, 3.2786,
13.4952

■ 88.7583, 78.7629,
145.7287

■ 2.2654, 1.2789,
7.6357

■ 114.3749,
102.9428, 182.6727

■ 0.7769, 0.1248,
3.7783

144.4995,
131.6250, 225.3857

■ 0.0000, 0.0000,
1.5045

179.4973,

■ 0.0000, 0.0000,

165.1939, 274.2862

0.2213

219.7336,
204.0339, 329.7928

■ 0.0000, 0.0000,
0.0000

■ 24.0631, 19.3783,
47.2719

■ 24.0631, 19.3783,
47.2719

■ 20.5680, 15.0062,
46.6125

■ 28.1640, 24.6648,
48.0765

■ 17.6447, 11.4919,
46.0883

■ 32.8979, 30.9132,
49.0331

■ 15.2591, 8.7758,
45.6898

■ 38.2928, 38.1703,
50.1495

■ 13.3716, 6.7895,
45.4059

■ 44.3743, 46.4792,
51.4327

■ 11.9364, 5.4523,
45.2234

■ 51.1665, 55.8803,
52.8893

■ 10.9535, 4.6594,
45.1221

■ 58.6924, 66.4120,
54.5255

■ 66.9739, 78.1109,
56.3471

■ 76.0320, 91.0116,
58.3598

■ 79.9766, 93.3271,
58.5988

Harmonies

Analogous

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



19.4891, 19.3783, 55.8954



24.0631, 19.3783, 47.2719



27.4615, 19.3783, 32.1466

Triad

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



24.0631, 19.3783, 47.2719



21.9535, 19.3783, 5.6346



11.1733, 19.3783, 24.2534

Complementary

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



24.0631, 19.3783, 47.2719



33.1585, 41.9188, 20.5317

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.



11.6168, 19.3783, 12.9270



24.0631, 19.3783, 47.2719



17.3879, 19.3783, 4.9398

Square

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



24.0631, 19.3783, 47.2719



26.1132, 19.3783, 9.5207



13.7338, 19.3783, 6.9766



12.4067, 19.3783, 39.5514

Rectangle

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



24.0631, 19.3783, 47.2719



28.3378, 19.3783, 22.3791



13.7338, 19.3783, 6.9766



11.1350, 19.3783, 19.8699

Sweetspot

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



24.0638, 19.3791, 47.2723



67.3416, 66.6823, 89.5574



26.5370, 30.2172, 49.2340



14.5864, 14.3396, 19.7206



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



24.0638, 19.3791, 47.2723



37.5166, 27.7124, 83.6074



31.1440, 23.0290, 47.6037



8.8294, 8.8784, 11.3278



7.7118, 3.2868, 31.4810



0.3413, 0.1517, 1.1130

Inverse Universe

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



30.8080, 23.1597, 33.8577



51.5176, 35.5767, 55.0542



27.1121, 38.8018, 20.2487



9.2349, 9.1043, 10.5843



15.8035, 7.8951, 12.1177



0.5860, 0.2899, 0.5794

Previews

White Background



This preview shows how the XYZ color 24.0631, 19.3783, 47.2719 looks on a white 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

Black Background



This preview shows how the XYZ color 24.0631, 19.3783, 47.2719 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

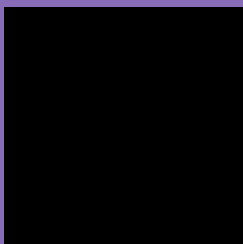
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 24.0631, 19.3783, 47.2719

Background



This preview shows how black text looks on a background with the XYZ color 24.0631, 19.3783, 47.2719.



This preview shows how white text looks on a background with the XYZ color 24.0631, 19.3783,

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

24.0631, 19.3783, 47.2719

Protanopia

20.9582, 19.6629, 53.1428

Deuteranopia

19.8995, 19.4568, 45.8867



Tritanopia

19.2831, 19.4535, 23.5075

Trichromacy



Original Color

24.0631, 19.3783, 47.2719

Protanomaly

21.7374, 19.4161, 50.7461

Deuteranomaly

21.1414, 19.2065, 46.3090

Tritanomaly

20.8761, 19.4065, 31.0793

Monochromacy



Original Color

24.0631, 19.3783, 47.2719

Achromatopsia

19.4927, 20.5079, 22.3331

Achromatomaly

20.8384, 19.9361, 29.9439

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.0631, 19.3783, 47.2719 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(136, 108, 183)` looks like.

```
.text, #text, p{  
    color:rgb(136, 108, 183)  
}
```

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(136, 108, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 108, 183) }
```

Border

The CSS property to change the border of an element to XYZ 24.0631, 19.3783, 47.2719 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(136, 108, 183) }
```


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

```
.border{ border-color:rgb(136, 108, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 108, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 108, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 108, 183);  
box-shadow:4px 4px 4px 4px rgb(136, 108,  
183) }
```

Background

The CSS property to change the background color of an element to XYZ 24.0631, 19.3783, 47.2719 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 108, 183) }
```

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

```
.background{ background-color: rgb(136,  
108, 183) }
```

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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