

Converting Colors

XYZ(24.7068, 19.5722, 25.7687)

Have a look what the booklet for
XYZ(24.7068, 19.5722, 25.7687)
contains.

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Color

**XYZ(24.7041, 19.5707,
25.7680)**

Conversions

Conversions Part 1

Format	Color
Hex	A46888
RGB	164, 104, 136
RGB Percent	64%, 41%, 53%
CMY	0.3569, 0.5921, 0.4667
CMYK	0.00, 0.37, 0.17, 0.36
HSL	328°, 25%, 53%
HSV	328°, 37%, 64%
XYZ	24.7041, 19.5707, 25.7680
YIQ	125.5880, 25.4880, 22.6720

Conversions

Conversions Part 2

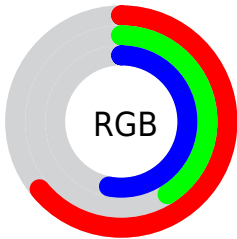
Format	Color
RYB	164, 104, 136
Decimal	10774664
CIELab	51.35, 28.80, -7.59
CIELCh	51, 29.780, 345.230
Yxy	19.5707, 0.3527, 0.2794
Android (android.graphics.Color)	4288964744 (0xFFA46888)
YUV	125.5880, 5.1331, 33.6873
Hunter-Lab	44.2388, 22.2612, -3.5678

Details

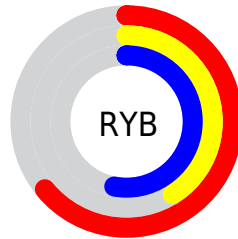
The XYZ color **24.7041, 19.5707, 25.7680** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **23.1501, 31.1605, 26.6257**, and the grayscale version is **19.6691, 20.6934, 22.5351**.

A 20% lighter version of the original color is **50.5890, 42.6667, 53.7133**, and **9.6014, 6.7838, 9.6074** is the 20% darker color. If you saturate the color by 10%, you get **22.6864, 16.3748, 22.5069**, and if you desaturate by 10%, it is **27.0828, 23.4260, 29.3415**.

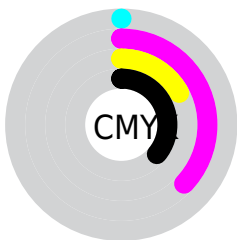
Distribution



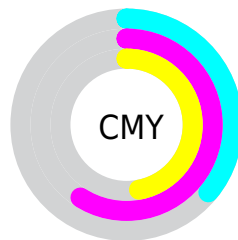
- Red (64%)
- Green (41%)
- Blue (53%)



- Red (64%)
- Yellow (41%)
- Blue (53%)



- Cyan (0%)
- Magenta (37%)
- Yellow (17%)
- Black (36%)



- Cyan (36%)
- Magenta (59%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.7041, 19.5707, 25.7680 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 24.7041, 19.5707, 25.7680 by changing the saturation by 10% instead.

■ 24.7041, 19.5707,
25.7680

■ 24.7041, 19.5707,
25.7680

268.7360,
249.5815, 295.2105

■ 15.9843, 12.0834,
16.4260

■ 50.6231, 42.6962,
53.8799

■ 9.6038, 6.8005,
9.6685

■ 68.5531, 59.1033,
73.4869

■ 5.1973, 3.3376,
5.0770

■ 90.2838, 79.2523,
97.3525

■ 2.3994, 1.3104,
2.2330

■ 116.1806,
103.5277, 125.8955

■ 0.8448, 0.1493,
0.6933

146.6089,
132.3140, 159.5342

■ 0.0000, 0.0000,
0.0000

181.9339,

165.9954, 198.6872

222.5212,
204.9565, 243.7731

■ 24.7041, 19.5707,
25.7680

■ 24.7041, 19.5707,
25.7680

■ 22.6864, 16.3748,
22.5069

■ 27.0828, 23.4260,
29.3415

■ 21.0086, 13.7980,
19.5466

■ 29.8388, 27.9727,
33.2362

■ 19.6497, 11.7995,
16.8762

■ 32.9894, 33.2438,
37.4616

■ 18.5857, 10.3326,
14.4835

■ 36.5502, 39.2697,
42.0267

■ 17.7889, 9.3433,
12.3548

■ 40.5361, 46.0787,
46.9400

■ 17.2196, 8.7537,
10.4723

■ 44.9611, 53.6979,
52.2095

■ 17.0492, 8.5883,
9.8753

■ 49.8386, 62.1529,
57.8432

■ 55.1815, 71.4683,
63.8486

■ 61.0019, 81.6675,
70.2330

Harmonies

Analogous

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



22.9687, 19.5707, 35.0664



24.7041, 19.5707, 25.7680



24.6897, 19.5707, 17.2859

Triad

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



24.7041, 19.5707, 25.7680



17.1377, 19.5707, 9.0817



14.8540, 19.5707, 35.1965

Complementary

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



24.7041, 19.5707, 25.7680



23.1501, 31.1605, 26.6257

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.



13.6065, 19.5707, 25.9128



24.7041, 19.5707, 25.7680



14.8260, 19.5707, 11.7228

Square

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



24.7041, 19.5707, 25.7680



20.0993, 19.5707, 9.0624



13.5968, 19.5707, 17.3969



17.1798, 19.5707, 41.4188

Rectangle

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



24.7041, 19.5707, 25.7680



23.6803, 19.5707, 13.1817



13.5968, 19.5707, 17.3969



14.3061, 19.5707, 32.2350

Sweetspot

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



24.7047, 19.5716, 25.7684



57.1457, 55.7517, 64.3766



21.1677, 17.4875, 37.3820



12.3349, 11.9236, 13.8614



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



24.7047, 19.5716, 25.7684



41.7767, 30.6581, 41.8527



22.8624, 18.8347, 16.0672



7.2242, 7.1461, 8.1672



13.0967, 6.5947, 7.6997



0.2988, 0.1480, 0.2862

Inverse Universe

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



24.7047, 19.5716, 25.7684



41.7767, 30.6581, 41.8527



25.5066, 32.1031, 39.0350



7.2242, 7.1461, 8.1672



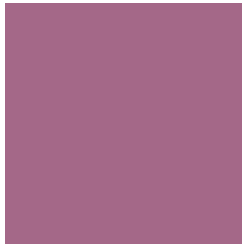
13.0967, 6.5947, 7.6997



0.2988, 0.1480, 0.2862

Previews

White Background



This preview shows how the XYZ color 24.7041, 19.5707, 25.7680 looks on a white background.

Color Contrast Check

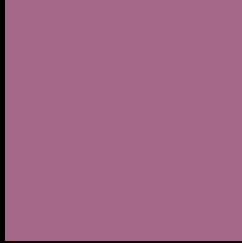
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.7041, 19.5707, 25.7680 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

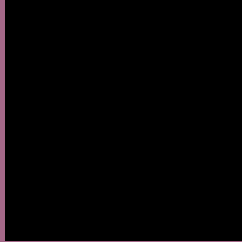
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 24.7041, 19.5707, 25.7680

Background



This preview shows how black text looks on a background with the XYZ color 24.7041, 19.5707, 25.7680.



This preview shows how white text looks on a background with the XYZ color 24.7041, 19.5707,

25.7680.

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

24.7041, 19.5707, 25.7680

Protanopia

19.6409, 19.8391, 30.8111

Deuteranopia

20.0364, 19.6329, 24.9238



Tritanopia

23.4152, 19.6675, 19.0851

Trichromacy



Original Color

24.7041, 19.5707, 25.7680

Protanomaly

20.9963, 19.3434, 29.0126

Deuteranomaly

21.4757, 19.5066, 25.1875

Tritanomaly

23.9371, 19.7320, 21.2859

Monochromacy



Original Color

24.7041, 19.5707, 25.7680

Achromatopsia

19.8309, 20.8637, 22.7206

Achromatomaly

21.3229, 20.1440, 23.8834

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.7041, 19.5707, 25.7680 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(164, 104, 136)` looks like.

```
.text, #text, p{  
    color:rgb(164, 104, 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(164, 104, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 104, 136) }
```

Border

The CSS property to change the border of an element to XYZ 24.7041, 19.5707, 25.7680 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(164, 104, 136) }
```


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

```
.border{ border-color:rgb(164, 104, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 104, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 104, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 104, 136);  
box-shadow:4px 4px 4px 4px rgb(164, 104,  
136) }
```

Background

The CSS property to change the background color of an element to XYZ 24.7041, 19.5707, 25.7680 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 104, 136) }
```

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

```
.background{ background-color: rgb(164,  
104, 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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