

Converting Colors

XYZ(25.0040, 24.6621, 41.3332)

Have a look what the booklet for
XYZ(25.0040, 24.6621, 41.3332)
contains.

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Color

**XYZ(24.9867, 24.6983,
41.4805)**

Conversions

Conversions Part 1

Format	Color
Hex	8286AA
RGB	130, 134, 170
RGB Percent	51%, 53%, 67%
CMY	0.4902, 0.4745, 0.3333
CMYK	0.24, 0.21, 0.00, 0.33
HSL	234°, 19%, 59%
HSV	234°, 24%, 67%
XYZ	24.9867, 24.6983, 41.4805
YIQ	136.9080, -13.9400, 10.3480

Conversions

Conversions Part 2

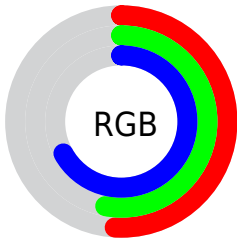
Format	Color
R_{YB}	130, 134, 170
Decimal	8554154
CIE _{Lab}	56.78, 6.59, -19.50
CIE _{LCh}	57, 20.587, 288.682
Yxy	24.6983, 0.2741, 0.2709
Android (android.graphics.Color)	4286744234 (0xFF8286AA)
YUV	136.9080, 16.3144, -6.0583
Hunter-Lab	49.6974, 2.7753, -14.6989

Details

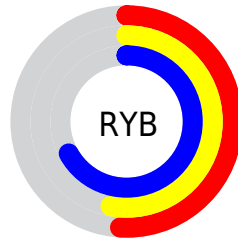
The XYZ color **24.9867, 24.6983, 41.4805** is a dark color, and the websafe version is hex **9999CC**. A complement of this color would be **34.2433, 37.4302, 26.5397**, and the grayscale version is **23.6879, 24.9215, 27.1395**.

A 20% lighter version of the original color is **51.1281, 51.1672, 78.4157**, and **9.8268, 9.5105, 18.4573** is the 20% darker color. If you saturate the color by 10%, you get **20.6276, 19.5363, 40.7143**, and if you desaturate by 10%, it is **30.0841, 30.6963, 42.3700**.

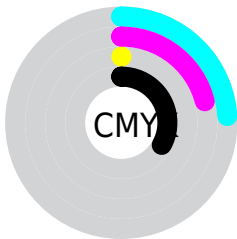
Distribution



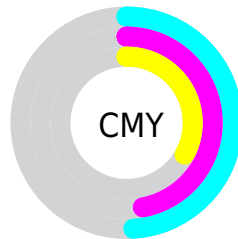
- Red (51%)
- Green (53%)
- Blue (67%)



- Red (51%)
- Yellow (53%)
- Blue (67%)



- Cyan (24%)
- Magenta (21%)
- Yellow (0%)
- Black (33%)



- Cyan (49%)
- Magenta (47%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.9867, 24.6983, 41.4805 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 24.9867, 24.6983, 41.4805 by changing the saturation by 10% instead.

■ 24.9867, 24.6983,
41.4805

■ 24.9867, 24.6983,
41.4805

270.1206,
276.3321, 368.0608

■ 16.1958, 15.8524,
28.3722

■ 51.0787, 51.1674,
78.6744

■ 9.7546, 9.4198,
18.3649

■ 69.1105, 69.5593,
103.5970

■ 5.2975, 5.0160,
11.0402

■ 90.9534, 91.9021,
133.2948

■ 2.4594, 2.2566,
5.9793

116.9726,
118.5801, 168.1864

■ 0.8748, 0.7506,
2.7639

147.5336,
149.9777, 208.6902

■ 0.0000, 0.0000,
0.9754

183.0017,

■ 0.0000, 0.0000,

186.4793, 255.2249

0.0000

223.7422,
228.4693, 308.2089

■ 24.9867, 24.6983,
41.4805

■ 24.9867, 24.6983,
41.4805

■ 20.6276, 19.5363,
40.7143

■ 30.0841, 30.6963,
42.3700

■ 16.9703, 15.1702,
40.0643

■ 35.9495, 37.5620,
43.3860

■ 13.9786, 11.5612,
39.5254

■ 42.6137, 45.3291,
44.5340

■ 11.6122, 8.6660,
39.0913

■ 50.1053, 54.0288,
45.8184

■ 9.8263, 6.4367,
38.7551

■ 58.4512, 63.6906,
47.2434

■ 8.5700, 4.8198,
38.5092

■ 67.6774, 74.3427,
48.8132

■ 7.7836, 3.7530,
38.3448

■ 77.8085, 86.0123,
50.5317

■ 7.4563, 3.3034,
38.2752

■ 84.2558, 95.6823,
52.0584

Harmonies

Analogous

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



22.5796, 24.6983, 42.0707



24.9867, 24.6983, 41.4805



27.1200, 24.6983, 36.6119

Triad

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



24.9867, 24.6983, 41.4805



26.6605, 24.6983, 18.1259



19.2286, 24.6983, 24.3774

Complementary

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



24.9867, 24.6983, 41.4805



34.2433, 37.4302, 26.5397

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.



20.1722, 24.6983, 19.0658



24.9867, 24.6983, 41.4805



24.3937, 24.6983, 15.8896

Square

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



24.9867, 24.6983, 41.4805



28.1309, 24.6983, 22.8715



22.0255, 24.6983, 16.2014



19.3634, 24.6983, 31.3586

Rectangle

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



24.9867, 24.6983, 41.4805



28.0490, 24.6983, 31.9968



22.0255, 24.6983, 16.2014



19.4274, 24.6983, 22.3617

Sweetspot

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



24.9875, 24.6993, 41.4811



61.2325, 63.4839, 78.0282



30.4031, 36.2245, 41.1466



13.5176, 13.9963, 17.3768



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



24.9875, 24.6993, 41.4811



41.2347, 39.9645, 74.5425



26.9748, 24.9183, 41.4186



7.1900, 7.4168, 9.4710



5.5053, 2.4708, 28.1622



0.1520, 0.0962, 0.6912

Inverse Universe

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



28.8639, 26.2332, 26.0976



49.4806, 43.3059, 41.8012



31.8582, 37.2973, 26.6397



7.5605, 7.5541, 8.0027



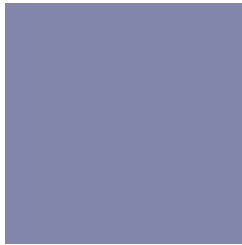
12.2794, 6.3205, 1.0171



0.3079, 0.1574, 0.0728

Previews

White Background



This preview shows how the XYZ color 24.9867, 24.6983, 41.4805 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 24.9867, 24.6983, 41.4805 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

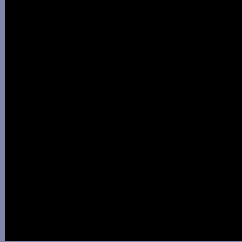
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 24.9867, 24.6983, 41.4805

Background



This preview shows how black text looks on a background with the XYZ color 24.9867, 24.6983, 41.4805.



This preview shows how white text looks on a background with the XYZ color 24.9867, 24.6983,

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

24.9867, 24.6983, 41.4805

Protanopia

24.7671, 24.7802, 42.0058

Deuteranopia

25.1589, 24.5829, 41.4492



Tritanopia

23.1175, 24.7825, 31.9988

Trichromacy



Original Color

24.9867, 24.6983, 41.4805

Protanomaly

24.9167, 24.8574, 42.0128

Deuteranomaly

25.0033, 24.5026, 41.4419

Tritanomaly

23.7839, 24.8377, 35.4389

Monochromacy



Original Color

24.9867, 24.6983, 41.4805

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

24.0605, 24.8466, 31.9615

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.9867, 24.6983, 41.4805 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(130, 134, 170)` looks like.

```
.text, #text, p{  
    color:rgb(130, 134, 170)  
}
```

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(130, 134, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 134, 170) }
```

Border

The CSS property to change the border of an element to XYZ 24.9867, 24.6983, 41.4805 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(130, 134, 170) }
```


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

```
.border{ border-color:rgb(130, 134, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 134, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 134, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 134, 170);  
box-shadow:4px 4px 4px 4px rgb(130, 134,  
170) }
```

Background

The CSS property to change the background color of an element to XYZ 24.9867, 24.6983, 41.4805 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 134, 170) }
```

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

```
.background{ background-color: rgb(130,  
134, 170) }
```

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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