

Converting Colors

XYZ(24.4868, 17.4668, 40.1130)

Have a look what the booklet for
XYZ(24.4868, 17.4668, 40.1130)
contains.

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Color

**XYZ(24.4093, 17.4266,
40.1074)**

Conversions

Conversions Part 1

Format	Color
Hex	9A5CAA
RGB	154, 92, 170
RGB Percent	60%, 36%, 67%
CMY	0.3961, 0.6392, 0.3333
CMYK	0.09, 0.46, 0.00, 0.33
HSL	288°, 31%, 51%
HSV	288°, 46%, 67%
XYZ	24.4093, 17.4266, 40.1074
YIQ	119.4300, 11.9140, 37.4020

Conversions

Conversions Part 2

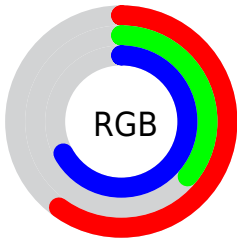
Format	Color
R_{YB}	154, 92, 170
Decimal	10116266
CIE _{Lab}	48.79, 38.54, -31.66
CIE _{LCh}	49, 49.870, 320.598
Yxy	17.4266, 0.2979, 0.2127
Android (android.graphics.Color)	4288306346 (0xFF9A5CAA)
YUV	119.4300, 24.9310, 30.3179
Hunter-Lab	41.7452, 31.3187, -27.7423

Details

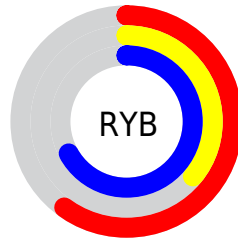
The XYZ color **24.4093, 17.4266, 40.1074** is a dark color, and the websafe version is hex **9966CC**. A complement of this color would be **22.4914, 32.7107, 15.2543**, and the grayscale version is **17.5921, 18.5083, 20.1555**.

A 20% lighter version of the original color is **50.2791, 39.1391, 76.8561**, and **9.4416, 5.7788, 17.4474** is the 20% darker color. If you saturate the color by 10%, you get **22.4446, 14.4678, 39.6401**, and if you desaturate by 10%, it is **26.7249, 21.0576, 40.6865**.

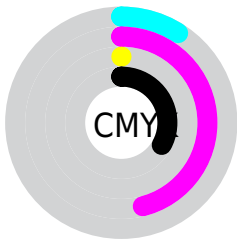
Distribution



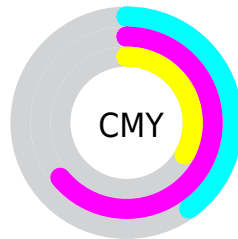
- Red (60%)
- Green (36%)
- Blue (67%)



- Red (60%)
- Yellow (36%)
- Blue (67%)



- Cyan (9%)
- Magenta (46%)
- Yellow (0%)
- Black (33%)





- Cyan (40%)
- Magenta (64%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 24.4093, 17.4266, 40.1074 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 24.4093, 17.4266, 40.1074 by changing the saturation by 10% instead.


 24.4093, 17.4266,
40.1074


 24.4093, 17.4266,
40.1074


267.2855,
237.6189, 362.1416


 15.7639, 10.5391,
27.3079


 50.1471, 39.0578,
76.5659


 9.4470, 5.7578,
17.5701


 67.9703, 54.5703,
101.0620

 5.0933, 2.6984,
10.4755


 89.5833, 73.7266,
130.2939

 2.3374, 0.9764,
5.6057

 115.3517, 96.9111,
164.6804

 0.8137, 0.0000,
2.5419

145.6408,
124.5082, 204.6398

 0.0000, 0.0000,
0.8623

180.8159,

 0.0000, 0.0000,

156.9023, 250.5908

0.0000

221.2423,
194.4777, 302.9519

■ 24.4093, 17.4266,
40.1074

■ 24.4093, 17.4266,
40.1074

■ 22.4446, 14.4678,
39.6401

■ 26.7249, 21.0576,
40.6865

■ 20.8065, 12.1343,
39.2760

■ 29.4101, 25.3994,
41.3830

■ 19.4703, 10.3764,
39.0072

■ 32.4843, 30.4901,
42.2036

■ 18.4066, 9.1358,
38.8238

■ 35.9650, 36.3645,
43.1540

■ 17.5773, 8.3361,
38.7131

■ 39.8686, 43.0551,
44.2397

■ 17.2683, 8.0640,
38.6769

■ 44.2105, 50.5927,
45.4657

■ 49.0055, 59.0064,
46.8370

■ 54.2676, 68.3239,
48.3581

■ 60.0100, 78.5717,
50.0335

Harmonies

Analogous

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



19.8853, 17.4266, 54.0865



24.4093, 17.4266, 40.1074



26.9500, 17.4266, 23.4360

Triad

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



24.4093, 17.4266, 40.1074



18.0557, 17.4266, 3.3248



9.5686, 17.4266, 29.3922

Complementary

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



24.4093, 17.4266, 40.1074



22.4914, 32.7107, 15.2543

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.



9.2612, 17.4266, 15.1187



24.4093, 17.4266, 40.1074



13.6338, 17.4266, 3.7430

Square

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



24.4093, 17.4266, 40.1074



22.8582, 17.4266, 5.3333



10.6097, 17.4266, 6.9834



11.5455, 17.4266, 46.1628

Rectangle

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



24.4093, 17.4266, 40.1074



26.9055, 17.4266, 14.6742



10.6097, 17.4266, 6.9834



9.2831, 17.4266, 24.0425

Sweetspot

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



24.4099, 17.4273, 40.1078



59.9152, 56.9561, 76.8376



17.1280, 16.0943, 40.2343



13.0806, 12.2314, 17.0592



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.



24.4099, 17.4273, 40.1078



40.6851, 26.1944, 71.9136



25.7426, 18.3360, 30.1585



7.6890, 7.5878, 9.4777



12.7493, 5.9559, 28.4531



0.3472, 0.1640, 0.6940

Inverse Universe

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



23.1120, 17.2837, 16.3059



38.3122, 26.0653, 22.3673



21.8319, 32.2424, 21.0229



7.5917, 7.5665, 8.1672



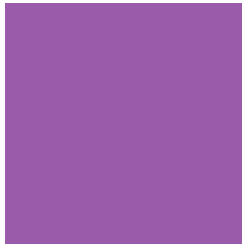
12.4333, 6.3820, 1.8276



0.3196, 0.1621, 0.1346

Previews

White Background



This preview shows how the XYZ color 24.4093, 17.4266, 40.1074 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 24.4093, 17.4266, 40.1074 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

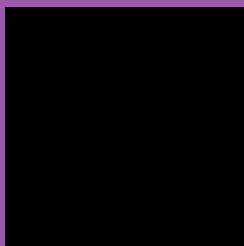
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 24.4093, 17.4266, 40.1074

Background



This preview shows how black text looks on a background with the XYZ color 24.4093, 17.4266, 40.1074.



This preview shows how white text looks on a background with the XYZ color 24.4093, 17.4266,

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

24.4093, 17.4266, 40.1074

Protanopia

19.1331, 17.7350, 50.5589

Deuteranopia

18.0507, 17.6113, 38.5243



Tritanopia

19.8863, 17.4064, 17.9344

Trichromacy



Original Color

24.4093, 17.4266, 40.1074

Protanomaly

20.1531, 17.0650, 46.4877

Deuteranomaly

19.7040, 17.1570, 38.8323

Tritanomaly

21.2547, 17.2251, 24.7588

Monochromacy



Original Color

24.4093, 17.4266, 40.1074

Achromatopsia

17.5343, 18.4475, 20.0893

Achromatomaly

19.5718, 17.6778, 26.4254

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.4093, 17.4266, 40.1074 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(154, 92, 170)` looks like.

```
.text, #text, p{  
    color:rgb(154, 92, 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(154, 92, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 92, 170) }
```

Border

The CSS property to change the border of an element to XYZ 24.4093, 17.4266, 40.1074 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(154, 92, 170) }
```


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

```
.border{ border-color:rgb(154, 92, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 92, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 92, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 92, 170);  
box-shadow:4px 4px 4px 4px rgb(154, 92,  
170) }
```

Background

The CSS property to change the background color of an element to XYZ 24.4093, 17.4266, 40.1074 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 92, 170) }
```

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

```
.background{ background-color: rgb(154, 92,  
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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