

Converting Colors

XYZ(19.2633, 12.9703, 24.0425)

Have a look what the booklet for
XYZ(19.2633, 12.9703, 24.0425)
contains.

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Color

**XYZ(19.2633, 12.9703,
24.0425)**

Conversions

Conversions Part 1

Format	Color
Hex	964986
RGB	150, 73, 134
RGB Percent	59%, 29%, 53%
CMY	0.4118, 0.7137, 0.4745
CMYK	0.00, 0.51, 0.11, 0.41
HSL	312°, 35%, 44%
HSV	312°, 51%, 59%
XYZ	19.2633, 12.9703, 24.0425
YIQ	102.9770, 26.3110, 35.2950

Conversions

Conversions Part 2

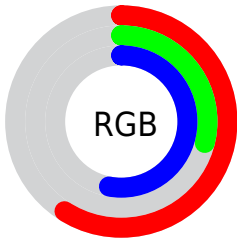
Format	Color
RYB	150, 73, 134
Decimal	9849222
CIELab	42.72, 40.60, -19.65
CIELCh	43, 45.104, 334.179
Yxy	12.9703, 0.3423, 0.2305
Android (android.graphics.Color)	4288039302 (0xFF964986)
YUV	102.9770, 15.2943, 41.2392
Hunter-Lab	36.0143, 32.4509, -14.3709

Details

The XYZ color **19.2633, 12.9703, 24.0425** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **15.4577, 23.9509, 13.2603**, and the grayscale version is **12.8424, 13.5112, 14.7137**.

A 20% lighter version of the original color is **41.7569, 31.3769, 50.8692**, and **6.7982, 3.7178, 8.7468** is the 20% darker color. If you saturate the color by 10%, you get **18.1799, 11.1461, 22.6245**, and if you desaturate by 10%, it is **20.5917, 15.2737, 25.5740**.

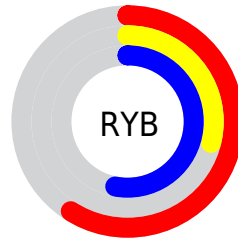
Distribution



Red (59%)

Green (29%)

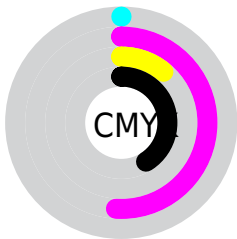
Blue (53%)



Red (59%)

Yellow (29%)

Blue (53%)

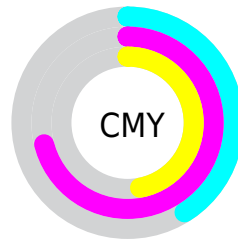


Cyan (0%)

Magenta (51%)

Yellow (11%)

Black (41%)



Cyan (41%)

Magenta (71%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.2633, 12.9703, 24.0425 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 19.2633, 12.9703, 24.0425 by changing the saturation by 10% instead.

■ 19.2633, 12.9703,
24.0425

■ 19.2633, 12.9703,
24.0425

240.8088,
210.7272, 286.3288

■ 11.9658, 7.4081,
15.1527

■ 41.6920, 31.2504,
51.0442

■ 6.7924, 3.7186,
8.7788

■ 57.5539, 44.7371,
69.9932

■ 3.3778, 1.5174,
4.5023

■ 77.0013, 61.6341,
93.1323

■ 1.3566, 0.3010,
1.9048

■ 100.3996, 82.3258,
120.8801

■ 0.2250, 0.0000,
0.4958

■ 128.1142,
107.1965, 153.6551

■ 0.0000, 0.0000,
0.0000

160.5103,

136.6308, 191.8759

197.9534,
171.0129, 235.9609

■ 19.2633, 12.9703,
24.0425

■ 19.2633, 12.9703,
24.0425

■ 18.1799, 11.1461,
22.6245

■ 20.5917, 15.2737,
25.5740

■ 17.3227, 9.7645,
21.3132

■ 22.1794, 18.0857,
27.2237

■ 16.6725, 8.7865,
20.1020

■ 24.0413, 21.4357,
28.9969

■ 16.2057, 8.1656,
18.9827

■ 26.1908, 25.3502,
30.8984

■ 15.8974, 7.8119,
18.0693

■ 28.6401, 29.8539,
32.9325

■ 31.4010, 34.9700,
35.1034

■ 34.4846, 40.7207,
37.4150

■ 37.9013, 47.1269,
39.8711

■ 41.6612, 54.2085,
42.4752

Harmonies

Analogous

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



16.4135, 12.9703, 36.2006



19.2633, 12.9703, 24.0425



20.1387, 12.9703, 12.7911

Triad

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



19.2633, 12.9703, 24.0425



11.8538, 12.9703, 2.4229



7.6397, 12.9703, 27.6019

Complementary

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



19.2633, 12.9703, 24.0425



15.4577, 23.9509, 13.2603

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.



6.8537, 12.9703, 15.5432



19.2633, 12.9703, 24.0425



8.9836, 12.9703, 3.5553

Square

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



19.2633, 12.9703, 24.0425



15.4272, 12.9703, 3.0346



7.2959, 12.9703, 7.3932



9.6742, 12.9703, 38.8386

Rectangle

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



19.2633, 12.9703, 24.0425



19.3710, 12.9703, 7.7162



7.2959, 12.9703, 7.3932



7.2398, 12.9703, 23.3504

Sweetspot

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



19.2637, 12.9709, 24.0428



44.6545, 41.8763, 53.1703



11.9506, 9.0620, 29.9738



9.7363, 8.9894, 11.6420



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



19.2637, 12.9709, 24.0428



31.7675, 19.1513, 39.4753



17.0767, 12.0961, 12.5259



5.9842, 5.8888, 7.0231



13.1966, 6.4837, 15.0480



0.1719, 0.0835, 0.2391

Inverse Universe

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



19.2637, 12.9709, 24.0428



31.7675, 19.1513, 39.4753



17.4788, 24.7593, 23.9029



5.9842, 5.8888, 7.0231



13.1966, 6.4837, 15.0480



0.1719, 0.0835, 0.2391

Previews

White Background



This preview shows how the XYZ color 19.2633, 12.9703, 24.0425 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 19.2633, 12.9703, 24.0425 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 19.2633, 12.9703, 24.0425

Background



This preview shows how black text looks on a background with the XYZ color 19.2633, 12.9703, 24.0425.



This preview shows how white text looks on a background with the XYZ color 19.2633, 12.9703,

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

19.2633, 12.9703, 24.0425

Protanopia

13.9532, 13.2747, 32.8372

Deuteranopia

13.4494, 13.2407, 22.6157



Tritanopia

16.5735, 12.9275, 11.0729

Trichromacy



Original Color

19.2633, 12.9703, 24.0425

Protanomaly

14.9860, 12.5447, 29.2353

Deuteranomaly

14.9554, 12.6640, 23.1289

Tritanomaly

17.3784, 12.8149, 14.9222

Monochromacy



Original Color

19.2633, 12.9703, 24.0425

Achromatopsia

12.8919, 13.5633, 14.7705

Achromatomaly

14.6101, 12.8623, 17.6322

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.2633, 12.9703, 24.0425 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(150, 73, 134)` looks like.

```
.text, #text, p{  
    color:rgb(150, 73, 134)  
}
```

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(150, 73, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 73, 134) }
```

Border

The CSS property to change the border of an element to XYZ 19.2633, 12.9703, 24.0425 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(150, 73, 134) }
```


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

```
.border{ border-color:rgb(150, 73, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 73, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(150, 73, 134); -webkit-box-shadow:4px 4px 4px 4px rgb(150, 73, 134); box-shadow:4px 4px 4px 4px rgb(150, 73, 134) }
```

Background

The CSS property to change the background color of an element to XYZ 19.2633, 12.9703, 24.0425 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 73, 134) }
```

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

```
.background{ background-color: rgb(150, 73,  
134) }
```

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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