

Converting Colors

XYZ(24.4396, 23.1381, 33.8788)

Have a look what the booklet for
XYZ(24.4396, 23.1381, 33.8788)
contains.

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Color

**XYZ(24.4066, 23.1746,
33.7586)**

Conversions

Conversions Part 1

Format	Color
Hex	8D7F9A
RGB	141, 127, 154
RGB Percent	55%, 50%, 60%
CMY	0.4471, 0.5019, 0.3961
CMYK	0.08, 0.18, 0.00, 0.40
HSL	271°, 12%, 55%
HSV	271°, 18%, 60%
XYZ	24.4066, 23.1746, 33.7586
YIQ	134.2640, -0.3230, 11.3650

Conversions

Conversions Part 2

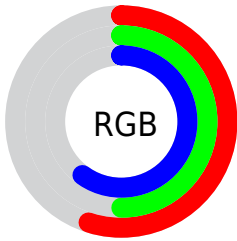
Format	Color
R_{YB}	141, 127, 154
Decimal	9273242
CIE _{Lab}	55.25, 10.68, -12.52
CIE _{LCh}	55, 16.457, 310.485
Yxy	23.1746, 0.3001, 0.2849
Android (android.graphics.Color)	4287463322 (0xFF8D7F9A)
YUV	134.2640, 9.7298, 5.9075
Hunter-Lab	48.1400, 6.2531, -7.8796

Details

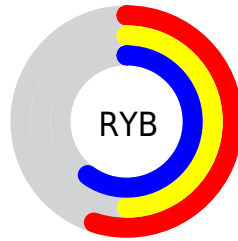
The XYZ color **24.4066, 23.1746, 33.7586** is a dark color, and the websafe version is hex **9999CC**. A complement of this color would be **26.2025, 30.2196, 24.5318**, and the grayscale version is **22.7231, 23.9065, 26.0342**.

A 20% lighter version of the original color is **50.2121, 48.7987, 66.4471**, and **9.4870, 8.6522, 14.0020** is the 20% darker color. If you saturate the color by 10%, you get **21.3489, 18.8685, 33.0890**, and if you desaturate by 10%, it is **27.8542, 28.1342, 34.5346**.

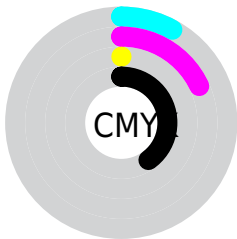
Distribution



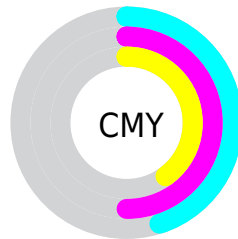
- Red (55%)
- Green (50%)
- Blue (60%)



- Red (55%)
- Yellow (50%)
- Blue (60%)



- Cyan (8%)
- Magenta (18%)
- Yellow (0%)
- Black (40%)



- Cyan (45%)
- Magenta (50%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.4066, 23.1746, 33.7586 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 24.4066, 23.1746, 33.7586 by changing the saturation by 10% instead.

■ 24.4066, 23.1746,
33.7586

■ 24.4066, 23.1746,
33.7586

267.2722,
268.6205, 333.7906

■ 15.7619, 14.7225,
22.4324

■ 50.1428, 48.6799,
66.6877

■ 9.4456, 8.6249,
13.9736

■ 67.9649, 66.5018,
89.1276

■ 5.0924, 4.4973,
7.9638

■ 89.5769, 88.2158,
116.1092

■ 2.3369, 1.9555,
3.9843

115.3441,
114.2062, 148.0509

■ 0.8134, 0.5814,
1.6167

145.6319,
144.8575, 185.3714

■ 0.0000, 0.0000,
0.3027

180.8056,

■ 0.0000, 0.0000,

180.5541, 228.4891

0.0000

221.2306,
221.6803, 277.8227

■ 24.4066, 23.1746,
33.7586

■ 24.4066, 23.1746,
33.7586

■ 21.3489, 18.8685,
33.0890

■ 27.8542, 28.1342,
34.5346

■ 18.6636, 15.1846,
32.5194

■ 31.7040, 33.7711,
35.4197

■ 16.3348, 12.0934,
32.0455

■ 35.9704, 40.1111,
36.4186

■ 14.3446, 9.5617,
31.6617

■ 40.6665, 47.1782,
37.5351

■ 12.6736, 7.5531,
31.3621

■ 45.8046, 54.9949,
38.7731

■ 11.2998, 6.0264,
31.1398

■ 51.3967, 63.5830,
40.1360

■ 10.1979, 4.9342,
30.9871

■ 57.4542, 72.9631,
41.6273

■ 9.3258, 4.1951,
30.8904

■ 63.9881, 83.1554,
43.2502

■ 9.1281, 4.0319,
30.8693

■ 67.5322, 87.2254,
43.8490

Harmonies

Analogous

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



22.6774, 23.1746, 36.5759



24.4066, 23.1746, 33.7586



25.5357, 23.1746, 28.7746

Triad

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



24.4066, 23.1746, 33.7586



23.2309, 23.1746, 16.8310



18.7252, 23.1746, 27.1240

Complementary

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



24.4066, 23.1746, 33.7586



26.2025, 30.2196, 24.5318

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.



18.8550, 23.1746, 21.9950



24.4066, 23.1746, 33.7586



21.3886, 23.1746, 16.5175

Square

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



24.4066, 23.1746, 33.7586



24.8311, 23.1746, 19.2053



19.8069, 23.1746, 18.2795



19.4419, 23.1746, 32.4064

Rectangle

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



24.4066, 23.1746, 33.7586



25.7606, 23.1746, 25.1474



19.8069, 23.1746, 18.2795



18.6723, 23.1746, 25.3192

Sweetspot

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



24.4073, 23.1756, 33.7591



52.2302, 53.4811, 63.1063



23.9714, 25.6168, 34.2533



11.7216, 11.9588, 14.2609



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



24.4073, 23.1756, 33.7591



42.0935, 38.9180, 60.8296



26.7118, 24.3679, 33.6717



6.1746, 6.1759, 7.7956



7.4783, 3.3063, 25.1517



0.1538, 0.0711, 0.3780

Inverse Universe

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



25.6503, 23.9433, 28.0818



44.8207, 40.6019, 48.3966



24.1690, 29.1679, 24.5901



6.3265, 6.2697, 7.0993



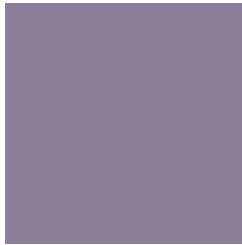
11.8866, 6.0089, 5.9278



0.1960, 0.0971, 0.1847

Previews

White Background



This preview shows how the XYZ color 24.4066, 23.1746, 33.7586 looks on a white background.

Color Contrast Check

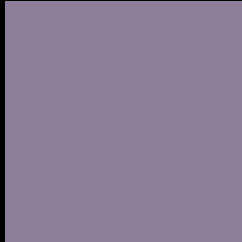
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.4066, 23.1746, 33.7586 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 24.4066, 23.1746, 33.7586

Background



This preview shows how black text looks on a background with the XYZ color 24.4066, 23.1746, 33.7586.



This preview shows how white text looks on a background with the XYZ color 24.4066, 23.1746,

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

24.4066, 23.1746, 33.7586

Protanopia

22.9545, 23.1789, 35.1624

Deuteranopia

23.6747, 23.1845, 33.7991



Tritanopia

23.2313, 23.0829, 28.0420

Trichromacy



Original Color

24.4066, 23.1746, 33.7586

Protanomaly

23.4991, 23.2711, 34.7057

Deuteranomaly

23.8684, 23.0898, 33.7706

Tritanomaly

23.6452, 23.0581, 29.9925

Monochromacy



Original Color

24.4066, 23.1746, 33.7586

Achromatopsia

22.6597, 23.8398, 25.9615

Achromatomaly

23.2405, 23.4741, 28.5053

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.4066, 23.1746, 33.7586 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(141, 127, 154)` looks like.

```
.text, #text, p{  
    color:rgb(141, 127, 154)  
}
```

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(141, 127, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 127, 154) }
```

Border

The CSS property to change the border of an element to XYZ 24.4066, 23.1746, 33.7586 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(141, 127, 154) }
```


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

```
.border{ border-color:rgb(141, 127, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 127, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 127, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 127, 154);  
box-shadow:4px 4px 4px 4px rgb(141, 127,  
154) }
```

Background

The CSS property to change the background color of an element to XYZ 24.4066, 23.1746, 33.7586 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 127, 154) }
```

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

```
.background{ background-color: rgb(141,  
127, 154) }
```

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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