

Converting Colors

XYZ(26.0871, 23.6999, 46.9427)

Have a look what the booklet for
XYZ(26.0871, 23.6999, 46.9427)
contains.

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Color

**XYZ(26.0832, 23.7492,
46.9254)**

Conversions

Conversions Part 1

Format	Color
Hex	887FB5
RGB	136, 127, 181
RGB Percent	53%, 50%, 71%
CMY	0.4667, 0.5019, 0.2902
CMYK	0.25, 0.30, 0.00, 0.29
HSL	250°, 27%, 60%
HSV	250°, 30%, 71%
XYZ	26.0832, 23.7492, 46.9254
YIQ	135.8470, -11.9700, 18.7020

Conversions

Conversions Part 2

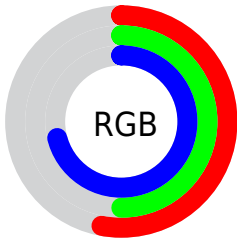
Format	Color
R_{YB}	136, 127, 181
Decimal	8945589
CIE _{Lab}	55.84, 15.28, -27.22
CIE _{LCh}	56, 31.213, 299.318
Yxy	23.7492, 0.2696, 0.2454
Android (android.graphics.Color)	4287135669 (0xFF887FB5)
YUV	135.8470, 22.2604, 0.1342
Hunter-Lab	48.7332, 10.2546, -22.9774

Details

The XYZ color **26.0832, 23.7492, 46.9254** is a dark color, and the websafe version is hex **9999CC**. A complement of this color would be **37.3686, 43.3513, 26.4778**, and the grayscale version is **23.2678, 24.4795, 26.6582**.

A 20% lighter version of the original color is **52.8425, 49.7041, 86.9295**, and **10.3670, 8.9386, 21.6010** is the 20% darker color. If you saturate the color by 10%, you get **21.6726, 18.3119, 46.1088**, and if you desaturate by 10%, it is **31.2601, 30.2060, 47.8992**.

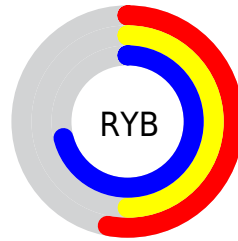
Distribution



Red (53%)

Green (50%)

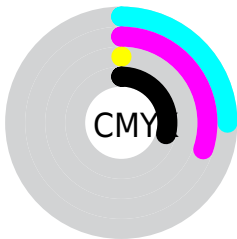
Blue (71%)



Red (53%)

Yellow (50%)

Blue (71%)

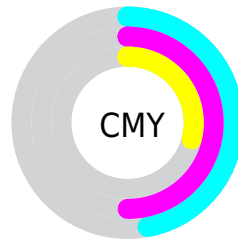


Cyan (25%)

Magenta (30%)

Yellow (0%)

Black (29%)



Cyan (47%)

Magenta (50%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.0832, 23.7492, 46.9254 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 26.0832, 23.7492, 46.9254 by changing the saturation by 10% instead.

■ 26.0832, 23.7492,
46.9254

■ 26.0832, 23.7492,
46.9254

275.4395,
271.5501, 390.9018

■ 17.0189, 15.1477,
32.6228

■ 52.8395, 49.6206,
86.9511

■ 10.3434, 8.9231,
21.5689

■ 71.2622, 67.6593,
113.5112

■ 5.6912, 4.6911,
13.3452

■ 93.5350, 89.6125,
144.9942

■ 2.6971, 2.0672,
7.5331

120.0234,
115.8646, 181.8187

■ 0.9957, 0.6461,
3.7142

151.0927,
146.8000, 224.4031

■ 0.0000, 0.0000,
1.4699

187.1083,

■ 0.0000, 0.0000,

182.8032, 273.1661

0.1954

228.4354,
224.2584, 328.5262

■ 0.0000, 0.0000,
0.0000

■ 26.0832, 23.7492,
46.9254

■ 26.0832, 23.7492,
46.9254

■ 21.6726, 18.3119,
46.1088

■ 31.2601, 30.2060,
47.8992

■ 17.9891, 13.8388,
45.4395

■ 37.2352, 37.7281,
49.0362

■ 14.9935, 10.2739,
44.9093

■ 44.0416, 46.3618,
50.3440

■ 12.6421, 7.5539,
44.5082

■ 51.7095, 56.1498,
51.8291

■ 10.8857, 5.6076,
44.2251

■ 60.2678, 67.1328,
53.4980

■ 9.6678, 4.3513,
44.0468

■ 69.7441, 79.3493,
55.3565

■ 8.8915, 3.6251,
43.9476

■ 80.1647, 92.8361,
57.4105

■ 8.8808, 3.6147,
43.9461

■ 85.3406, 96.1162,
57.7708

Harmonies

Analogous

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



22.4917, 23.7492, 50.7481



26.0832, 23.7492, 46.9254



28.9674, 23.7492, 37.1730

Triad

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



26.0832, 23.7492, 46.9254



26.2386, 23.7492, 12.4261



16.4118, 23.7492, 25.6267

Complementary

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



26.0832, 23.7492, 46.9254



37.3686, 43.3513, 26.4778

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.



17.1963, 23.7492, 17.1106



26.0832, 23.7492, 46.9254



22.6543, 23.7492, 10.8222

Square

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



26.0832, 23.7492, 46.9254



29.0635, 23.7492, 17.4186



19.3926, 23.7492, 12.2838



17.1286, 23.7492, 36.6617

Rectangle

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



26.0832, 23.7492, 46.9254



29.9675, 23.7492, 29.6547



19.3926, 23.7492, 12.2838



16.5073, 23.7492, 22.4015

Sweetspot

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



26.0840, 23.7501, 46.9259



67.4710, 68.5609, 87.9721



32.0180, 37.6977, 49.3053



14.2281, 14.3700, 18.9460



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



26.0840, 23.7501, 46.9259



41.2221, 35.7496, 83.0223



30.8513, 26.2078, 47.1490



8.1696, 8.2959, 10.6770



6.1631, 2.5130, 30.2972



0.2341, 0.0998, 0.9552

Inverse Universe

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



34.0925, 27.9820, 42.6348



58.0463, 44.6480, 73.6337



32.1917, 40.6825, 26.2355



8.7880, 8.6219, 10.3821



17.0004, 8.3177, 20.9599



0.5510, 0.2682, 0.7444

Previews

White Background



This preview shows how the XYZ color 26.0832, 23.7492, 46.9254 looks on a white background.

Color Contrast Check

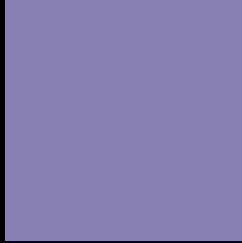
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.0832, 23.7492, 46.9254 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 26.0832, 23.7492, 46.9254

Background



This preview shows how black text looks on a background with the XYZ color 26.0832, 23.7492, 46.9254.



This preview shows how white text looks on a background with the XYZ color 26.0832, 23.7492,

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

26.0832, 23.7492, 46.9254

Protanopia

24.4794, 23.8569, 49.2136

Deuteranopia

24.3746, 23.8628, 46.5013



Tritanopia

22.6892, 23.7617, 30.1787

Trichromacy



Original Color

26.0832, 23.7492, 46.9254

Protanomaly

25.0918, 23.7859, 48.6161

Deuteranomaly

24.8250, 23.6962, 46.4454

Tritanomaly

23.8036, 23.6068, 35.6497

Monochromacy



Original Color

26.0832, 23.7492, 46.9254

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

24.2084, 24.2763, 33.1156

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.0832, 23.7492, 46.9254 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(136, 127, 181)` looks like.

```
.text, #text, p{  
    color:rgb(136, 127, 181)  
}
```

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(136, 127, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 127, 181) }
```

Border

The CSS property to change the border of an element to XYZ 26.0832, 23.7492, 46.9254 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(136, 127, 181) }
```


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

```
.border{ border-color:rgb(136, 127, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 127, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 127, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 127, 181);  
box-shadow:4px 4px 4px 4px rgb(136, 127,  
181) }
```

Background

The CSS property to change the background color of an element to XYZ 26.0832, 23.7492, 46.9254 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 127, 181) }
```

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

```
.background{ background-color: rgb(136,  
127, 181) }
```

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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