

Converting Colors

XYZ(26.7447, 23.9767, 43.4692)

Have a look what the booklet for
XYZ(26.7447, 23.9767, 43.4692)
contains.

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Color

**XYZ(26.7779, 23.9974,
43.2650)**

Conversions

Conversions Part 1

Format	Color
Hex	917EAE
RGB	145, 126, 174
RGB Percent	57%, 49%, 68%
CMY	0.4314, 0.5059, 0.3176
CMYK	0.17, 0.28, 0.00, 0.32
HSL	264°, 23%, 59%
HSV	264°, 28%, 68%
XYZ	26.7779, 23.9974, 43.2650
YIQ	137.1530, -4.0840, 18.9560

Conversions

Conversions Part 2

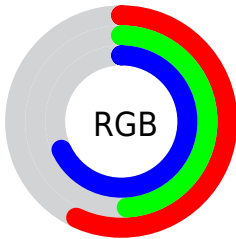
Format	Color
R_{YB}	145, 126, 174
Decimal	9535150
CIE _{Lab}	56.09, 17.07, -22.75
CIE _{LCh}	56, 28.441, 306.878
Yxy	23.9974, 0.2847, 0.2552
Android (android.graphics.Color)	4287725230 (0xFF917EAE)
YUV	137.1530, 18.1656, 6.8818
Hunter-Lab	48.9871, 11.8462, -18.0734

Details

The XYZ color **26.7779, 23.9974, 43.2650** is a dark color, and the websafe version is hex **9999CC**. A complement of this color would be **32.4202, 38.7475, 25.5099**, and the grayscale version is **23.7709, 25.0088, 27.2346**.

A 20% lighter version of the original color is **53.9562, 50.0955, 81.6885**, and **10.7212, 9.0679, 19.2744** is the 20% darker color. If you saturate the color by 10%, you get **22.9761, 19.0174, 42.5045**, and if you desaturate by 10%, it is **31.1397, 29.8417, 44.1636**.

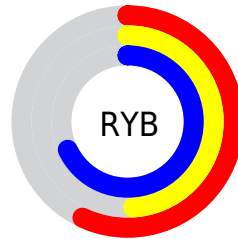
Distribution



Red (57%)

Green (49%)

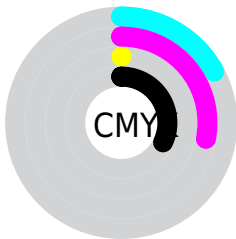
Blue (68%)



Red (57%)

Yellow (49%)

Blue (68%)

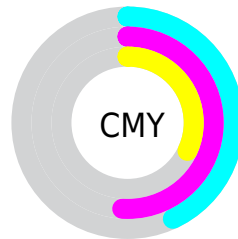


Cyan (17%)

Magenta (28%)

Yellow (0%)

Black (32%)



Cyan (43%)

Magenta (51%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.7779, 23.9974, 43.2650 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 26.7779, 23.9974, 43.2650 by changing the saturation by 10% instead.

■ 26.7779, 23.9974,
43.2650

■ 26.7779, 23.9974,
43.2650

278.7673,
272.8073, 375.6536

■ 17.5422, 15.3317,
29.7602

■ 53.9497, 50.0260,
81.4012

■ 10.7195, 9.0525,
19.4061

■ 72.6165, 68.1576,
106.8697

■ 5.9445, 4.7754,
11.7843

■ 95.1577, 90.2133,
137.1632

■ 2.8517, 2.1161,
6.4762

121.9386,
116.5776, 172.7001

■ 1.0758, 0.6737,
3.0633

153.3247,
147.6347, 213.8991

■ 0.0047, 0.0000,
1.1271

189.6813,

■ 0.0000, 0.0000,

183.7691, 261.1786

0.0000

231.3737,
225.3652, 314.9573

■ 26.7779, 23.9974,
43.2650

■ 26.7779, 23.9974,
43.2650

■ 22.9761, 19.0174,
42.5045

■ 31.1397, 29.8417,
44.1636

■ 19.7073, 14.8563,
41.8736

■ 36.0821, 36.5869,
45.2050

■ 16.9456, 11.4689,
41.3654

■ 41.6277, 44.2708,
46.3959

■ 14.6618, 8.8043,
40.9714

■ 47.7969, 52.9285,
47.7418

■ 12.8233, 6.8052,
40.6825

■ 54.6092, 62.5929,
49.2482

■ 11.3927, 5.4053,
40.4876

■ 62.0834, 73.2955,
50.9201

■ 10.3147, 4.5026,
40.3702

■ 70.2372, 85.0665,
52.7624

■ 10.0855, 4.3167,
40.3464

■ 75.7458, 91.2509,
53.6657

■ 79.2047, 93.0340,
53.8276

Harmonies

Analogous

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



23.5672, 23.9974, 48.2907



26.7779, 23.9974, 43.2650



29.0677, 23.9974, 33.8252

Triad

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



26.7779, 23.9974, 43.2650



25.3579, 23.9974, 12.8602



17.1384, 23.9974, 28.3368

Complementary

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



26.7779, 23.9974, 43.2650



32.4202, 38.7475, 25.5099

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.



17.5198, 23.9974, 19.6990



26.7779, 23.9974, 43.2650



22.0669, 23.9974, 12.0597

Square

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



26.7779, 23.9974, 43.2650



28.1949, 23.9974, 16.7748



19.2527, 23.9974, 14.2464



18.1565, 23.9974, 38.4401

Rectangle

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



26.7779, 23.9974, 43.2650



29.6521, 23.9974, 27.1182



19.2527, 23.9974, 14.2464



17.1088, 23.9974, 25.1643

Sweetspot

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



26.7787, 23.9984, 43.2655



64.9214, 65.6392, 81.8848



28.0664, 31.1353, 44.5752



14.1199, 14.1640, 18.1341



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



26.7787, 23.9984, 43.2655



44.3167, 37.9269, 77.6218



31.3352, 26.3474, 43.4788



7.8676, 7.9061, 10.0641



7.3779, 3.1633, 29.2662



0.2679, 0.1203, 0.8171

Inverse Universe

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



30.8335, 26.2878, 34.4600



53.0132, 42.8428, 58.4819



28.3560, 36.6524, 25.3197



8.2008, 8.0936, 9.3680



14.5445, 7.2804, 10.5129



0.4306, 0.2129, 0.4291

Previews

White Background



This preview shows how the XYZ color 26.7779, 23.9974, 43.2650 looks on a white background.

Color Contrast Check

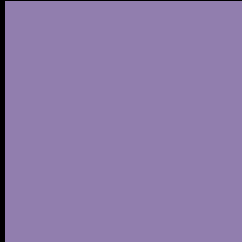
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.7779, 23.9974, 43.2650 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 26.7779, 23.9974, 43.2650

Background



This preview shows how black text looks on a background with the XYZ color 26.7779, 23.9974, 43.2650.



This preview shows how white text looks on a background with the XYZ color 26.7779, 23.9974,

43.2650.

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

26.7779, 23.9974, 43.2650

Protanopia

24.5503, 24.1673, 46.0186

Deuteranopia

24.5465, 24.0317, 42.8800



Tritanopia

23.9490, 24.0310, 28.9674

Trichromacy



Original Color

26.7779, 23.9974, 43.2650

Protanomaly

25.1244, 23.8854, 44.8811

Deuteranomaly

25.3570, 24.0507, 42.8410

Tritanomaly

24.9707, 24.0491, 33.8977

Monochromacy



Original Color

26.7779, 23.9974, 43.2650

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

24.7078, 24.5525, 32.2910

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.7779, 23.9974, 43.2650 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(145, 126, 174)` looks like.

```
.text, #text, p{  
    color:rgb(145, 126, 174)  
}
```

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(145, 126, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 126, 174) }
```

Border

The CSS property to change the border of an element to XYZ 26.7779, 23.9974, 43.2650 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(145, 126, 174) }
```


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

```
.border{ border-color:rgb(145, 126, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 126, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 126, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 126, 174);  
box-shadow:4px 4px 4px 4px rgb(145, 126,  
174) }
```

Background

The CSS property to change the background color of an element to XYZ 26.7779, 23.9974, 43.2650 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 126, 174) }
```

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

```
.background{ background-color: rgb(145,  
126, 174) }
```

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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