

Converting Colors

XYZ(27.2038, 23.0903, 33.0769)

Have a look what the booklet for
XYZ(27.2038, 23.0903, 33.0769)
contains.

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Color

**XYZ(27.2469, 23.1749,
33.1741)**

Conversions

Conversions Part 1

Format	Color
Hex	A27799
RGB	162, 119, 153
RGB Percent	64%, 47%, 60%
CMY	0.3647, 0.5333, 0.4000
CMYK	0.00, 0.27, 0.06, 0.36
HSL	313°, 19%, 55%
HSV	313°, 27%, 64%
XYZ	27.2469, 23.1749, 33.1741
YIQ	135.7330, 14.7140, 19.6900

Conversions

Conversions Part 2

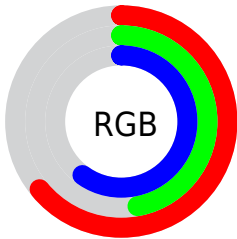
Format	Color
R _{YB}	162, 119, 153
Decimal	10647449
CIE _{Lab}	55.25, 22.56, -11.73
CIE _{LCh}	55, 25.429, 332.529
Y _{xy}	23.1749, 0.3259, 0.2772
Android (android.graphics.Color)	4288837529 (0xFFA27799)
Y _{UV}	135.7330, 8.5126, 23.0362
Hunter-Lab	48.1403, 16.7835, -7.1593

Details

The XYZ color **27.2469, 23.1749, 33.1741** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **24.4253, 31.3219, 25.1818**, and the grayscale version is **23.2678, 24.4796, 26.6583**.

A 20% lighter version of the original color is **54.6303, 48.7618, 65.5641**, and **11.0188, 8.6546, 13.6601** is the 20% darker color. If you saturate the color by 10%, you get **25.2049, 19.5324, 31.1313**, and if you desaturate by 10%, it is **29.6269, 27.4799, 35.3694**.

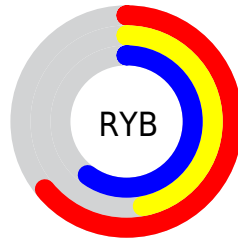
Distribution



Red (64%)

Green (47%)

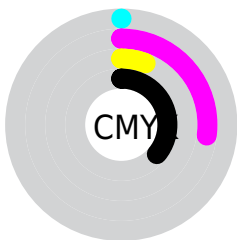
Blue (60%)



Red (64%)

Yellow (47%)

Blue (60%)

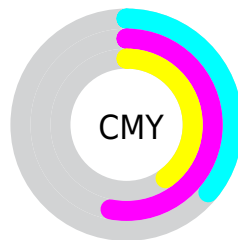


Cyan (0%)

Magenta (27%)

Yellow (6%)

Black (36%)



Cyan (36%)

Magenta (53%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.2469, 23.1749, 33.1741 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 27.2469, 23.1749, 33.1741 by changing the saturation by 10% instead.

■ 27.2469, 23.1749,
33.1741

■ 27.2469, 23.1749,
33.1741

280.9964,
268.6220, 331.0895

■ 17.8963, 14.7227,
21.9876

■ 54.6969, 48.6804,
65.7664

■ 10.9748, 8.6250,
13.6496

■ 73.5270, 66.5024,
88.0093

■ 6.1171, 4.4974,
7.7414

■ 96.2476, 88.2165,
114.7748

■ 2.9577, 1.9555,
3.8445

123.2242,
114.2071, 146.4814

■ 1.1314, 0.5814,
1.5404

154.8220,
144.8586, 183.5476

■ 0.0512, 0.0000,
0.2478

191.4064,

■ 0.0000, 0.0000,

180.5553, 226.3920

0.0000

233.3427,
221.6816, 275.4331

■ 27.2469, 23.1749,
33.1741

■ 27.2469, 23.1749,
33.1741

■ 25.2049, 19.5324,
31.1313

■ 29.6269, 27.4799,
35.3694

■ 23.4820, 16.5160,
29.2336

■ 32.3584, 32.4754,
37.7211

■ 22.0609, 14.0904,
27.4751

■ 35.4566, 38.1913,
40.2350

■ 20.9213, 12.2156,
25.8488

■ 38.9352, 44.6551,
42.9159

■ 20.0409, 10.8468,
24.3468

■ 42.8073, 51.8926,
45.7685

■ 19.3935, 9.9317,
22.9601

■ 47.0852, 59.9285,
48.7972

■ 18.9413, 9.3951,
21.6758

■ 51.7808, 68.7865,
52.0063

■ 18.8028, 9.2424,
21.2462

■ 56.9055, 78.4892,
55.3998

■ 59.2621, 82.6421,
57.9124

Harmonies

Analogous

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



25.1021, 23.1749, 40.8848



27.2469, 23.1749, 33.1741



27.9577, 23.1749, 24.5483

Triad

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



27.2469, 23.1749, 33.1741



21.7865, 23.1749, 12.5932



17.7285, 23.1749, 34.6323

Complementary

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



27.2469, 23.1749, 33.1741



24.4253, 31.3219, 25.1818

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.



17.0006, 23.1749, 25.9313



27.2469, 23.1749, 33.1741



19.2140, 23.1749, 14.1937

Square

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



27.2469, 23.1749, 33.1741



24.6486, 23.1749, 13.7277



17.5204, 23.1749, 18.6734



19.5983, 23.1749, 41.8461

Rectangle

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



27.2469, 23.1749, 33.1741



27.4773, 23.1749, 19.6932



17.5204, 23.1749, 18.6734



17.3498, 23.1749, 31.7262

Sweetspot

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



27.2476, 23.1759, 33.1746



57.9007, 57.4083, 67.7719



21.9614, 20.3616, 36.9556



12.8365, 12.5861, 15.0792



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



27.2476, 23.1759, 33.1746



47.1444, 37.9209, 57.9425



25.6560, 22.5393, 24.7932



7.3005, 7.1767, 8.5689



14.8290, 7.2877, 16.8220



0.3267, 0.1592, 0.4330

Inverse Universe

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



27.2476, 23.1759, 33.1746



47.1444, 37.9209, 57.9425



25.9617, 31.9364, 33.2724



7.3005, 7.1767, 8.5689



14.8290, 7.2877, 16.8220



0.3267, 0.1592, 0.4330

Previews

White Background



This preview shows how the XYZ color 27.2469, 23.1749, 33.1741 looks on a white background.

Color Contrast Check

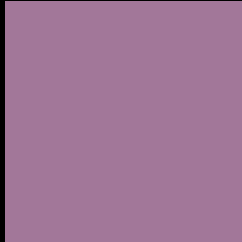
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.2469, 23.1749, 33.1741 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

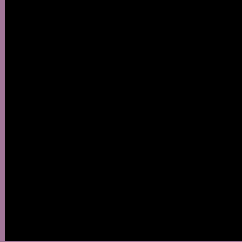
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 27.2469, 23.1749, 33.1741

Background



This preview shows how black text looks on a background with the XYZ color 27.2469, 23.1749, 33.1741.



This preview shows how white text looks on a background with the XYZ color 27.2469, 23.1749,

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

27.2469, 23.1749, 33.1741

Protanopia

23.1535, 23.2414, 36.9839

Deuteranopia

23.7527, 23.2532, 32.5146



Tritanopia

25.5459, 23.2028, 24.9620

Trichromacy



Original Color

27.2469, 23.1749, 33.1741

Protanomaly

24.4084, 23.1363, 35.5270

Deuteranomaly

24.8552, 23.0452, 32.8439

Tritanomaly

26.1904, 23.2861, 27.9252

Monochromacy



Original Color

27.2469, 23.1749, 33.1741

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

24.5422, 23.9380, 28.9182

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.2469, 23.1749, 33.1741 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(162, 119, 153)` looks like.

```
.text, #text, p{  
    color:rgb(162, 119, 153)  
}
```

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(162, 119, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 119, 153) }
```

Border

The CSS property to change the border of an element to XYZ 27.2469, 23.1749, 33.1741 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(162, 119, 153) }
```


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

```
.border{ border-color:rgb(162, 119, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 119, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 119, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 119, 153);  
box-shadow:4px 4px 4px 4px rgb(162, 119,  
153) }
```

Background

The CSS property to change the background color of an element to XYZ 27.2469, 23.1749, 33.1741 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 119, 153) }
```

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

```
.background{ background-color: rgb(162,  
119, 153) }
```

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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