

Converting Colors

XYZ(27.3377, 19.6647, 37.4768)

Have a look what the booklet for
XYZ(27.3377, 19.6647, 37.4768)
contains.

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Color

**XYZ(27.3377, 19.6647,
37.4768)**

Conversions

Conversions Part 1

Format	Color
Hex	A961A4
RGB	169, 97, 164
RGB Percent	66%, 38%, 64%
CMY	0.3373, 0.6196, 0.3569
CMYK	0.00, 0.43, 0.03, 0.34
HSL	304°, 30%, 52%
HSV	304°, 43%, 66%
XYZ	27.3377, 19.6647, 37.4768
YIQ	126.1660, 21.4050, 36.1010

Conversions

Conversions Part 2

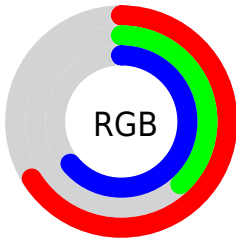
Format	Color
R_{YB}	169, 97, 164
Decimal	11100580
CIE _{Lab}	51.46, 39.29, -23.86
CIE _{LCh}	51, 45.967, 328.732
Yxy	19.6647, 0.3236, 0.2328
Android (android.graphics.Color)	4289290660 (0xFFA961A4)
YUV	126.1660, 18.6522, 37.5654
Hunter-Lab	44.3449, 32.4379, -19.0658

Details

The XYZ color **27.3377, 19.6647, 37.4768** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **21.5168, 31.8773, 17.5903**, and the grayscale version is **19.8216, 20.8539, 22.7099**.

A 20% lighter version of the original color is **54.8977, 42.7781, 72.3814**, and **11.0114, 6.8477, 16.0706** is the 20% darker color. If you saturate the color by 10%, you get **25.8340, 16.8258, 36.4552**, and if you desaturate by 10%, it is **29.1763, 23.1711, 38.6153**.

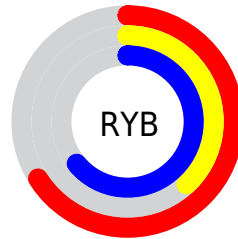
Distribution



Red (66%)

Green (38%)

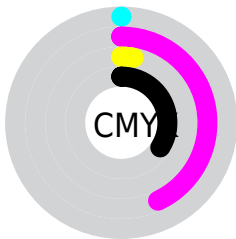
Blue (64%)



Red (66%)

Yellow (38%)

Blue (64%)

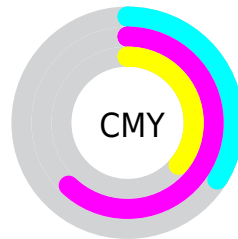


Cyan (0%)

Magenta (43%)

Yellow (3%)

Black (34%)



Cyan (34%)


Magenta (62%)


Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 27.3377, 19.6647, 37.4768 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 27.3377, 19.6647, 37.4768 by changing the saturation by 10% instead.

 27.3377, 19.6647,
37.4768


 27.3377, 19.6647,
37.4768


281.4263,
250.0941, 350.6009

 17.9649, 12.1515,
25.2782


 54.8414, 42.8543,
72.5000


 11.0243, 6.8470,
16.0635


 73.7029, 59.2996,
96.1617

 6.1506, 3.3666,
9.4143


 96.4582, 79.4910,
124.4815

 2.9784, 1.3260,
4.9119

 123.4724,
103.8129, 157.8779

 1.1424, 0.1612,
2.1378

155.1110,
132.6498, 196.7695

 0.0601, 0.0000,
0.6381

191.7392,

 0.0000, 0.0000,

166.3860, 241.5748

0.0000

233.7226,
205.4060, 292.7125

■ 27.3377, 19.6647,
37.4768

■ 27.3377, 19.6647,
37.4768

■ 25.8340, 16.8258,
36.4552

■ 29.1763, 23.1711,
38.6153

■ 24.6420, 14.6091,
35.5420

■ 31.3673, 27.3811,
39.8759

■ 23.7385, 12.9678,
34.7299

■ 33.9294, 32.3316,
41.2650

■ 23.0963, 11.8476,
34.0096

■ 36.8791, 38.0560,
42.7883

■ 22.6830, 11.1836,
33.3704

■ 40.2324, 44.5857,
44.4509

■ 22.4707, 10.8785,
32.9318

■ 44.0039, 51.9504,
46.2578

■ 48.2077, 60.1781,
48.2137

■ 52.8573, 69.2959,
50.3232

■ 57.9656, 79.3293,
52.5905

Harmonies

Analogous

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



23.2841, 19.6647, 52.2799



27.3377, 19.6647, 37.4768



29.0277, 19.6647, 21.9783

Triad

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



27.3377, 19.6647, 37.4768



18.8876, 19.6647, 4.7383



11.9453, 19.6647, 36.0811

Complementary

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



27.3377, 19.6647, 37.4768



21.5168, 31.8773, 17.5903

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.



11.1552, 19.6647, 20.8546



27.3377, 19.6647, 37.4768



14.7450, 19.6647, 5.9737

Square

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



27.3377, 19.6647, 37.4768



23.6797, 19.6647, 6.2168



12.0915, 19.6647, 10.7526



14.4568, 19.6647, 51.2677

Rectangle

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



27.3377, 19.6647, 37.4768



28.4054, 19.6647, 14.2496



12.0915, 19.6647, 10.7526



11.4898, 19.6647, 30.6431

Sweetspot

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



27.3383, 19.6656, 37.4772



60.4551, 57.3036, 73.7384



16.8938, 14.2280, 39.3925



12.9531, 12.0572, 15.9526



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



27.3383, 19.6656, 37.4772



46.4340, 30.4475, 65.4081



24.5471, 18.5491, 22.7786



7.8191, 7.6575, 9.3645



16.7552, 8.1108, 24.5862



0.4141, 0.1999, 0.6321

Inverse Universe

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



27.3383, 19.6656, 37.4772



46.4340, 30.4475, 65.4081



23.6915, 32.7472, 29.0419



7.8191, 7.6575, 9.3645



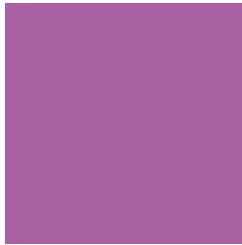
16.7552, 8.1108, 24.5862



0.4141, 0.1999, 0.6321

Previews

White Background



This preview shows how the XYZ color 27.3377, 19.6647, 37.4768 looks on a white background.

Color Contrast Check

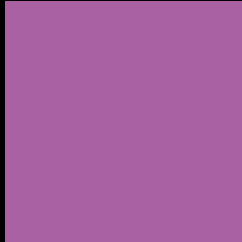
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.3377, 19.6647, 37.4768 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

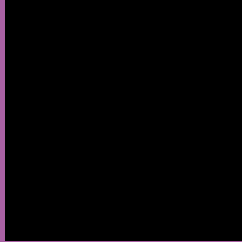
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 27.3377, 19.6647, 37.4768

Background



This preview shows how black text looks on a background with the XYZ color 27.3377, 19.6647, 37.4768.



This preview shows how white text looks on a background with the XYZ color 27.3377, 19.6647,

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

27.3377, 19.6647, 37.4768

Protanopia

20.8641, 19.9184, 47.5447

Deuteranopia

20.2528, 19.8576, 36.0232



Tritanopia

23.5143, 19.5629, 19.0597

Trichromacy



Original Color

27.3377, 19.6647, 37.4768

Protanomaly

22.2348, 19.1586, 43.6004

Deuteranomaly

22.2189, 19.3124, 36.2748

Tritanomaly

24.6009, 19.3933, 24.6370

Monochromacy



Original Color

27.3377, 19.6647, 37.4768

Achromatopsia

19.8309, 20.8637, 22.7206

Achromatomaly

22.0197, 19.9057, 27.4926

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.3377, 19.6647, 37.4768 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(169, 97, 164)` looks like.

```
.text, #text, p{  
    color:rgb(169, 97, 164)  
}
```

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(169, 97, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 97, 164) }
```

Border

The CSS property to change the border of an element to XYZ 27.3377, 19.6647, 37.4768 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(169, 97, 164) }
```


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

```
.border{ border-color:rgb(169, 97, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 97, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(169, 97, 164); -webkit-box-shadow:4px 4px 4px 4px rgb(169, 97, 164); box-shadow:4px 4px 4px 4px rgb(169, 97, 164) }
```

Background

The CSS property to change the background color of an element to XYZ 27.3377, 19.6647, 37.4768 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 97, 164) }
```

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

```
.background{ background-color: rgb(169, 97,  
164) }
```

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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