

Converting Colors

XYZ(27.4764, 19.5815, 47.2991)

Have a look what the booklet for
XYZ(27.4764, 19.5815, 47.2991)
contains.

XYZ(27.3191, 19.4419, 47.1125)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(27.3191, 19.4419,
47.1125)**

Conversions

Conversions Part 1

Format	Color
Hex	A061B7
RGB	160, 97, 183
RGB Percent	63%, 38%, 72%
CMY	0.3725, 0.6196, 0.2824
CMYK	0.13, 0.47, 0.00, 0.28
HSL	284°, 37%, 55%
HSV	284°, 47%, 72%
XYZ	27.3191, 19.4419, 47.1125
YIQ	125.6410, 9.9420, 40.1020

Conversions

Conversions Part 2

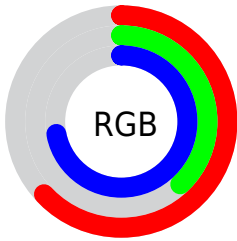
Format	Color
R_{YB}	160, 97, 183
Decimal	10510775
CIE _{Lab}	51.20, 40.32, -35.41
CIE _{LCh}	51, 53.659, 318.709
Yxy	19.4419, 0.2910, 0.2071
Android (android.graphics.Color)	4288700855 (0xFFA061B7)
YUV	125.6410, 28.2780, 30.1328
Hunter-Lab	44.0930, 33.4322, -32.4852

Details

The XYZ color **27.3191, 19.4419, 47.1125** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **26.8376, 38.7236, 17.3701**, and the grayscale version is **19.6150, 20.6365, 22.4731**.

A 20% lighter version of the original color is **54.6463, 42.3258, 86.9509**, and **10.9896, 6.7089, 21.8348** is the 20% darker color. If you saturate the color by 10%, you get **24.8601, 15.9474, 46.5679**, and if you desaturate by 10%, it is **30.2081, 23.7379, 47.7898**.

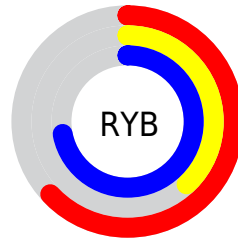
Distribution



Red (63%)

Green (38%)

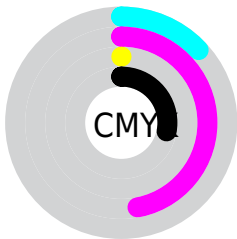
Blue (72%)



Red (63%)

Yellow (38%)

Blue (72%)

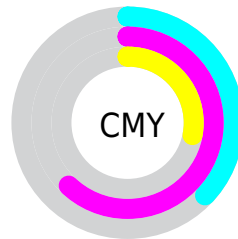


Cyan (13%)

Magenta (47%)

Yellow (0%)

Black (28%)



Cyan (37%)


Magenta (62%)


Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.3191, 19.4419, 47.1125 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 27.3191, 19.4419, 47.1125 by changing the saturation by 10% instead.


 27.3191, 19.4419,
47.1125


 27.3191, 19.4419,
47.1125


281.3383,
248.8776, 391.6702


 17.9508, 11.9900,
32.7696


 54.8118, 42.4795,
87.2333


 11.0142, 6.7369,
21.6803


 73.6669, 58.8340,
113.8482

 6.1437, 3.2981,
13.4261

 96.4151, 78.9248,
145.3910

 2.9742, 1.2893,
7.5885

 123.4216,
103.1363, 182.2800

 1.1401, 0.1329,
3.7488

155.0518,
131.8530, 224.9339

 0.0583, 0.0000,
1.4886

191.6711,

 0.0000, 0.0000,

165.4591, 273.7712

0.2094

233.6448,
204.3392, 329.2105

■ 0.0000, 0.0000,
0.0000

■ 27.3191, 19.4419,
47.1125

■ 27.3191, 19.4419,
47.1125

■ 24.8601, 15.9474,
46.5679

■ 30.2081, 23.7379,
47.7898

■ 22.8013, 13.1973,
46.1456

■ 33.5499, 28.8824,
48.6066

■ 21.1122, 11.1309,
45.8358

■ 37.3683, 34.9216,
49.5710

■ 19.7568, 9.6765,
45.6265

■ 41.6846, 41.8976,
50.6901

■ 18.6842, 8.7334,
45.5010

■ 46.5189, 49.8499,
51.9702

■ 18.3881, 8.4920,
45.4700

■ 51.8900, 58.8154,
53.4176

■ 57.8158, 68.8295,
55.0382

■ 64.3133, 79.9256,
56.8375

■ 69.2226, 87.7832,
58.0955

Harmonies

Analogous

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



21.9727, 19.4419, 63.0327



27.3191, 19.4419, 47.1125



30.4901, 19.4419, 27.4653

Triad

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



27.3191, 19.4419, 47.1125



20.5634, 19.4419, 3.4427



10.3588, 19.4419, 32.0739

Complementary

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



27.3191, 19.4419, 47.1125



26.8376, 38.7236, 17.3701

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.



10.1268, 19.4419, 15.9168



27.3191, 19.4419, 47.1125



15.3767, 19.4419, 3.7445

Square

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



27.3191, 19.4419, 47.1125



26.1179, 19.4419, 5.8680



11.7869, 19.4419, 7.0879



12.4968, 19.4419, 51.8497

Rectangle

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



27.3191, 19.4419, 47.1125



30.6025, 19.4419, 17.0205



11.7869, 19.4419, 7.0879



10.0731, 19.4419, 25.9420

Sweetspot

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



27.3198, 19.4427, 47.1129



68.9696, 65.8230, 89.3057



20.3598, 19.7252, 47.5343



14.8798, 13.9708, 19.6340



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



27.3198, 19.4427, 47.1129



44.5510, 28.5990, 83.4078



30.5377, 21.3111, 37.8003



9.1403, 9.0387, 11.3423



12.8955, 5.9591, 31.7236



0.5100, 0.2386, 1.1209

Inverse Universe

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



27.1939, 19.9736, 20.1922



44.6839, 29.8902, 28.1725



24.9950, 37.6613, 22.3643



9.1006, 9.0506, 9.8773



14.0342, 7.1874, 2.8008



0.5214, 0.2640, 0.2389

Previews

White Background



This preview shows how the XYZ color 27.3191, 19.4419, 47.1125 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 27.3191, 19.4419, 47.1125 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

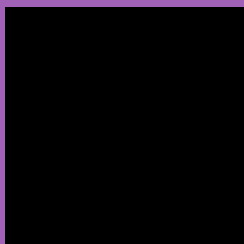
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 27.3191, 19.4419, 47.1125

Background



This preview shows how black text looks on a background with the XYZ color 27.3191, 19.4419, 47.1125.



This preview shows how white text looks on a background with the XYZ color 27.3191, 19.4419,

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

27.3191, 19.4419, 47.1125

Protanopia

21.5205, 19.8194, 59.1912

Deuteranopia

20.0188, 19.5417, 44.8363



Tritanopia

21.9468, 19.5237, 20.3810

Trichromacy



Original Color

27.3191, 19.4419, 47.1125



Protanomaly

22.6974, 19.1513, 54.7248



Deuteranomaly

21.9175, 18.9486, 45.6823



Tritanomaly

23.5420, 19.3686, 28.4843

Monochromacy



Original Color

27.3191, 19.4419, 47.1125



Achromatopsia

19.8309, 20.8637, 22.7206



Achromatomaly

21.8784, 19.7713, 30.2669

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.3191, 19.4419, 47.1125 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(160, 97, 183)` looks like.

```
.text, #text, p{  
    color:rgb(160, 97, 183)  
}
```

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(160, 97, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 97, 183) }
```

Border

The CSS property to change the border of an element to XYZ 27.3191, 19.4419, 47.1125 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(160, 97, 183) }
```


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

```
.border{ border-color:rgb(160, 97, 183) }
```

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

Here you see how a box with a 4 pixel rgb(160, 97, 183) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 97, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 97, 183);  
box-shadow:4px 4px 4px 4px rgb(160, 97,  
183) }
```

Background

The CSS property to change the background color of an element to XYZ 27.3191, 19.4419, 47.1125 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 97, 183) }
```

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

```
.background{ background-color: rgb(160, 97,  
183) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor