

Converting Colors

XYZ(27.0061, 15.4247, 68.5717)

Have a look what the booklet for
XYZ(27.0061, 15.4247, 68.5717)
contains.

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Color

**XYZ(27.0061, 15.4247,
68.5717)**

Conversions

Conversions Part 1

Format	Color
Hex	9443DB
RGB	148, 67, 219
RGB Percent	58%, 26%, 86%
CMY	0.4196, 0.7372, 0.1412
CMYK	0.32, 0.69, 0.00, 0.14
HSL	272°, 68%, 56%
HSV	272°, 69%, 86%
XYZ	27.0061, 15.4247, 68.5717
YIQ	108.5470, -0.5160, 64.4440

Conversions

Conversions Part 2

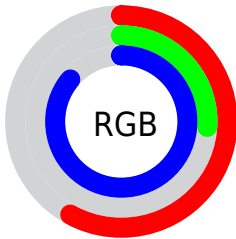
Format	Color
R_{YB}	148, 67, 219
Decimal	9716699
CIE _{Lab}	46.21, 60.56, -64.17
CIE _{LCh}	46, 88.236, 313.341
Yxy	15.4247, 0.2433, 0.1390
Android (android.graphics.Color)	4287906779 (0xFF9443DB)
YUV	108.5470, 54.4533, 34.6003
Hunter-Lab	39.2743, 54.0116, -76.0265

Details

The XYZ color **27.0061, 15.4247, 68.5717** is a dark color, and the websafe version is hex **9933CC**. The color can be described as middle muted purple. A complement of this color would be **36.8259, 56.4717, 14.2697**, and the grayscale version is **14.2599, 15.0025, 16.3377**.

A 20% lighter version of the original color is **50.3410, 34.0166, 98.5203**, and **10.8273, 4.8180, 35.0096** is the 20% darker color. If you saturate the color by 10%, you get **24.1724, 12.3831, 68.1343**, and if you desaturate by 10%, it is **30.4968, 19.5357, 69.1815**.

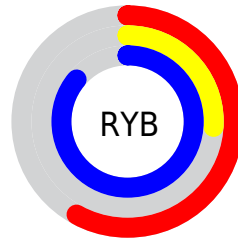
Distribution



Red (58%)

Green (26%)

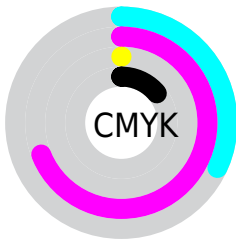
Blue (86%)



Red (58%)

Yellow (26%)

Blue (86%)

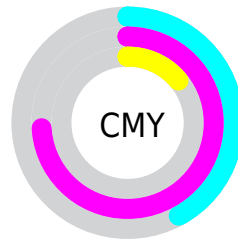


Cyan (32%)

Magenta (69%)

Yellow (0%)

Black (14%)



Cyan (42%)

Magenta (74%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.0061, 15.4247, 68.5717 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 27.0061, 15.4247, 68.5717 by changing the saturation by 10% instead.

■ 27.0061, 15.4247,
68.5717

■ 27.0061, 15.4247,
68.5717

279.8537,
225.9226, 474.1719

■ 17.7144, 9.1180,
49.8934

■ 54.3135, 35.5965,
118.8316

■ 10.8436, 4.8182,
34.9581

■ 73.0599, 50.2304,
151.2502

■ 6.0283, 2.1410,
23.3473

■ 95.6886, 68.4089,
189.0860

■ 2.9031, 0.6875,
14.6425

■ 122.5649, 90.5162,
232.7576

■ 1.1027, 0.0000,
8.4250

■ 154.0542,
116.9369, 282.6834

■ 0.0274, 0.0000,
4.2764

190.5219,

■ 0.0000, 0.0000,

148.0552, 339.2820

1.7782

232.3332,
184.2557, 402.9720

■ 0.0000, 0.0000,
0.4135

■ 0.0000, 0.0000,
0.0000

■ 27.0061, 15.4247,
68.5717

■ 27.0061, 15.4247,
68.5717

■ 24.1724, 12.3831,
68.1343

■ 30.4968, 19.5357,
69.1815

■ 21.9304, 10.2893,
67.8483

■ 34.6961, 24.8158,
69.9794

■ 20.1789, 8.9465,
67.6814

■ 39.6521, 31.3550,
70.9804

■ 20.0831, 8.8762,
67.6729

■ 45.4080, 39.2336,
72.1977

■ 52.0032, 48.5251,
73.6435

■ 59.4743, 59.2975,
75.3290

■ 67.8557, 71.6143,
77.2647

■ 77.1797, 85.5354,
79.4603

■ 84.5042, 95.1715,
80.9342

Harmonies

Analogous

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



18.2602, 15.4247, 98.0199



27.0061, 15.4247, 68.5717



33.3562, 15.4247, 31.6995

Triad

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



27.0061, 15.4247, 68.5717



19.2133, 15.4247, 0.0000



4.6062, 15.4247, 28.2894

Complementary

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



27.0061, 15.4247, 68.5717



36.8259, 56.4717, 14.2697

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.



4.7072, 15.4247, 7.4946



27.0061, 15.4247, 68.5717



11.5683, 15.4247, 0.0000

Square

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



27.0061, 15.4247, 68.5717



27.9063, 15.4247, 1.3861



6.8020, 15.4247, 1.0887



6.4531, 15.4247, 64.3276

Rectangle

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



27.0061, 15.4247, 68.5717



34.3746, 15.4247, 14.4932



6.8020, 15.4247, 1.0887



4.4391, 15.4247, 19.3282

Sweetspot

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



27.0068, 15.4252, 68.5721



71.6707, 66.0243, 103.5742



24.5477, 25.2010, 70.5886



14.7723, 13.3278, 22.0439



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



27.0068, 15.4252, 68.5721



32.6641, 16.0552, 95.9851



43.6760, 24.0567, 67.6243



12.9979, 12.9571, 16.4680



12.0359, 5.3289, 40.1326



0.8789, 0.3964, 2.6046

Inverse Universe

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



35.8082, 20.9096, 26.1931



47.0149, 24.9726, 28.0161



28.7374, 52.2930, 14.2967



13.3079, 13.1522, 14.8825



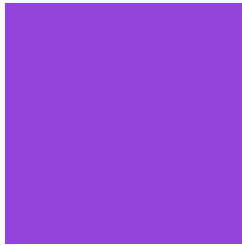
18.8071, 9.5239, 8.6304



1.2617, 0.6343, 0.7870

Previews

White Background



This preview shows how the XYZ color 27.0061, 15.4247, 68.5717 looks on a white background.

Color Contrast Check

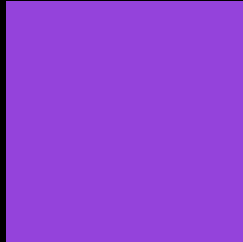
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 27.0061, 15.4247, 68.5717 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

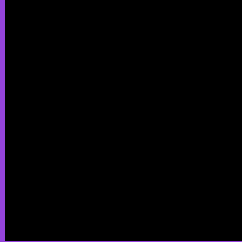
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 27.0061, 15.4247, 68.5717

Background



This preview shows how black text looks on a background with the XYZ color 27.0061, 15.4247, 68.5717.



This preview shows how white text looks on a background with the XYZ color 27.0061, 15.4247,

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

27.0061, 15.4247, 68.5717

Protanopia

18.6086, 15.6899, 72.5687

Deuteranopia

15.7580, 15.5739, 54.4001



Tritanopia

16.6216, 15.4374, 17.1426

Trichromacy



Original Color

27.0061, 15.4247, 68.5717



Protanomaly

18.5333, 13.7125, 70.7772



Deuteranomaly

16.6033, 13.5096, 58.8593



Tritanomaly

19.1529, 14.6652, 30.6754

Monochromacy



Original Color

27.0061, 15.4247, 68.5717



Achromatopsia

14.5356, 15.2926, 16.6537



Achromatomaly

17.5959, 14.3863, 30.2832

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.0061, 15.4247, 68.5717 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(148, 67, 219)` looks like.

```
.text, #text, p{  
    color:rgb(148, 67, 219)  
}
```

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(148, 67, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 67, 219) }
```

Border

The CSS property to change the border of an element to XYZ 27.0061, 15.4247, 68.5717 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(148, 67, 219) }
```


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

```
.border{ border-color:rgb(148, 67, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 67, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 67, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 67, 219);  
box-shadow:4px 4px 4px 4px rgb(148, 67,  
219) }
```

Background

The CSS property to change the background color of an element to XYZ 27.0061, 15.4247, 68.5717 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 67, 219) }
```

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

```
.background{ background-color: rgb(148, 67,  
219) }
```

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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