

Converting Colors

XYZ(32.9501, 27.2372, 69.3621)

Have a look what the booklet for
XYZ(32.9501, 27.2372, 69.3621)
contains.

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Color

**XYZ(32.9523, 27.1943,
69.1579)**

Conversions

Conversions Part 1

Format	Color
Hex	9681D9
RGB	150, 129, 217
RGB Percent	59%, 51%, 85%
CMY	0.4118, 0.4941, 0.1490
CMYK	0.31, 0.41, 0.00, 0.15
HSL	254°, 54%, 68%
HSV	254°, 41%, 85%
XYZ	32.9523, 27.1943, 69.1579
YIQ	145.3110, -15.7320, 31.8200

Conversions

Conversions Part 2

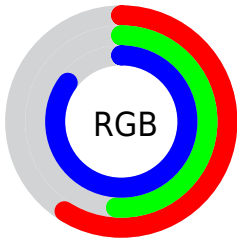
Format	Color
R_{YB}	150, 129, 217
Decimal	9863641
CIE _{Lab}	59.15, 27.31, -42.34
CIE _{LCh}	59, 50.389, 302.824
Yxy	27.1943, 0.2548, 0.2103
Android (android.graphics.Color)	4288053721 (0xFF9681D9)
YUV	145.3110, 35.3427, 4.1123
Hunter-Lab	52.1482, 21.5345, -42.1256

Details

The XYZ color **32.9523, 27.1943, 69.1579** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **51.5408, 62.9470, 30.2033**, and the grayscale version is **26.9062, 28.3074, 30.8268**.

A 20% lighter version of the original color is **60.2315, 53.7977, 101.8172**, and **14.1414, 10.6874, 35.5000** is the 20% darker color. If you saturate the color by 10%, you get **27.5628, 20.6142, 68.1724**, and if you desaturate by 10%, it is **39.3794, 35.2113, 70.3671**.

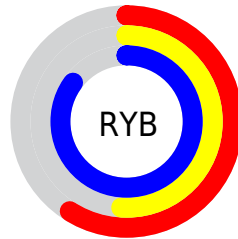
Distribution



Red (59%)

Green (51%)

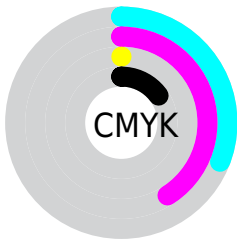
Blue (85%)



Red (59%)

Yellow (51%)

Blue (85%)

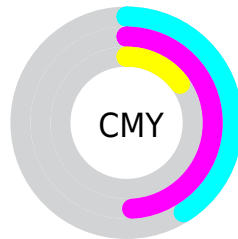


Cyan (31%)

Magenta (41%)

Yellow (0%)

Black (15%)



Cyan (41%)

Magenta (49%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.9523, 27.1943, 69.1579 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 32.9523, 27.1943, 69.1579 by changing the saturation by 10% instead.

■ 32.9523, 27.1943,
69.1579

■ 32.9523, 27.1943,
69.1579

307.1035,
288.5967, 476.2967

■ 22.2490, 17.7192,
50.3678

■ 63.6562, 55.1955,
119.6769

■ 14.1576, 10.7486,
35.3325

■ 84.3875, 74.4904,
152.2428

■ 8.3128, 5.8980,
23.6335

■ 109.1922, 97.8273,
190.2378

■ 4.3492, 2.7832,
14.8523

138.4356,
125.5907, 234.0803

■ 1.9015, 1.0196,
8.5703

172.4831,
158.1650, 284.1889

■ 0.5777, 0.0000,
4.3690

211.7000,

■ 0.0000, 0.0000,

195.9344, 340.9821

1.8299

256.4517,
239.2835, 404.8786

■ 0.0000, 0.0000,
0.4476

■ 0.0000, 0.0000,
0.0000

■ 32.9523, 27.1943,
69.1579

■ 32.9523, 27.1943,
69.1579

■ 27.5628, 20.6142,
68.1724

■ 39.3794, 35.2113,
70.3671

■ 23.1514, 15.3812,
67.3948

■ 46.8932, 44.7414,
71.8105

■ 19.6565, 11.4000,
66.8105

■ 55.5432, 55.8591,
73.5006

■ 17.0084, 8.5611,
66.4022

■ 65.3751, 68.6331,
75.4480

■ 15.1255, 6.7353,
66.1490

■ 76.4318, 83.1281,
77.6631

■ 13.9297, 5.7342,
66.0188

■ 87.3984, 96.6938,
79.7035

■ 89.5245, 97.7898,
79.8030

Harmonies

Analogous

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



26.4462, 27.1943, 79.2473



32.9523, 27.1943, 69.1579



38.1308, 27.1943, 48.3550

Triad

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



32.9523, 27.1943, 69.1579



31.7569, 27.1943, 8.2847



15.5750, 27.1943, 31.3447

Complementary

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



32.9523, 27.1943, 69.1579



51.5408, 62.9470, 30.2033

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.



16.5335, 27.1943, 16.4692



32.9523, 27.1943, 69.1579



25.2577, 27.1943, 6.7738

Square

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



32.9523, 27.1943, 69.1579



37.3659, 27.1943, 14.5549



19.8450, 27.1943, 9.0343



16.9786, 27.1943, 52.5592

Rectangle

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



32.9523, 27.1943, 69.1579



39.7565, 27.1943, 34.1381



19.8450, 27.1943, 9.0343



15.6321, 27.1943, 25.5011

Sweetspot

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



32.9533, 27.1953, 69.1585



77.9955, 77.8526, 105.5240



41.4238, 49.3684, 72.9919



16.3294, 16.1932, 22.5149



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.



32.9533, 27.1953, 69.1585



40.5102, 30.6586, 98.3903



42.5040, 32.1189, 69.6055



12.6282, 12.7664, 16.4507



8.5113, 3.5119, 39.9677



0.6286, 0.2673, 2.5929

Inverse Universe

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



46.4300, 34.4386, 56.4251



62.8447, 42.6847, 76.2908



41.8125, 57.9319, 29.7481



13.4746, 13.2189, 15.7604



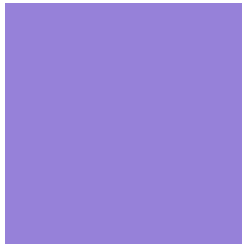
21.4883, 10.5964, 22.7495



1.4248, 0.6996, 1.6459

Previews

White Background



This preview shows how the XYZ color 32.9523, 27.1943, 69.1579 looks on a white background.

Color Contrast Check

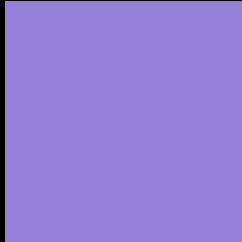
Large Text (above 18pt) WCAG AA ✓ Pass

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 32.9523, 27.1943, 69.1579 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

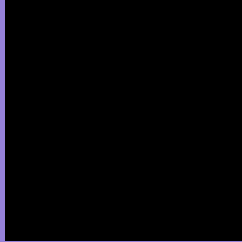
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 32.9523, 27.1943, 69.1579

Background



This preview shows how black text looks on a background with the XYZ color 32.9523, 27.1943, 69.1579.



This preview shows how white text looks on a background with the XYZ color 32.9523, 27.1943,

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

32.9523, 27.1943, 69.1579

Protanopia

29.4122, 27.4984, 75.7090

Deuteranopia

28.1173, 27.4523, 67.4352



Tritanopia

25.9717, 27.2964, 34.4717

Trichromacy



Original Color

32.9523, 27.1943, 69.1579

Protanomaly

30.4356, 27.2211, 73.4621

Deuteranomaly

29.5236, 27.0827, 67.9614

Tritanomaly

28.1796, 27.1021, 45.3410

Monochromacy



Original Color

32.9523, 27.1943, 69.1579

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

28.6159, 27.6086, 42.3488

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.9523, 27.1943, 69.1579 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(150, 129, 217)` looks like.

```
.text, #text, p{  
    color:rgb(150, 129, 217)  
}
```

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(150, 129, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 129, 217) }
```

Border

The CSS property to change the border of an element to XYZ 32.9523, 27.1943, 69.1579 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(150, 129, 217) }
```


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

```
.border{ border-color:rgb(150, 129, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 129, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 129, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 129, 217);  
box-shadow:4px 4px 4px 4px rgb(150, 129,  
217) }
```

Background

The CSS property to change the background color of an element to XYZ 32.9523, 27.1943, 69.1579 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 129, 217) }
```

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

```
.background{ background-color: rgb(150,  
129, 217) }
```

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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