

Converting Colors

XYZ(27.4894, 19.3680, 61.8456)

Have a look what the booklet for
XYZ(27.4894, 19.3680, 61.8456)
contains.

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Color

**XYZ(27.4299, 19.3092,
61.9558)**

Conversions

Conversions Part 1

Format	Color
Hex	9162D0
RGB	145, 98, 208
RGB Percent	57%, 38%, 82%
CMY	0.4314, 0.6157, 0.1843
CMYK	0.30, 0.53, 0.00, 0.18
HSL	266°, 54%, 60%
HSV	266°, 53%, 82%
XYZ	27.4299, 19.3092, 61.9558
YIQ	124.5930, -7.2980, 44.1740

Conversions

Conversions Part 2

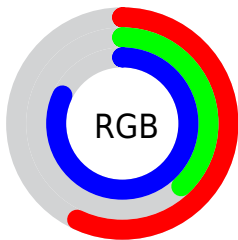
Format	Color
R_{YB}	145, 98, 208
Decimal	9528016
CIE _{Lab}	51.05, 41.42, -50.13
CIE _{LCh}	51, 65.032, 309.566
Yxy	19.3092, 0.2524, 0.1776
Android (android.graphics.Color)	4287718096 (0xFF9162D0)
YUV	124.5930, 41.1197, 17.8969
Hunter-Lab	43.9422, 34.5255, -52.8356

Details

The XYZ color **27.4299, 19.3092, 61.9558** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **39.4587, 53.5710, 19.8164**, and the grayscale version is **19.2254, 20.2266, 22.0268**.

A 20% lighter version of the original color is **53.3135, 41.5892, 99.8253**, and **11.0645, 6.6702, 30.8413** is the 20% darker color. If you saturate the color by 10%, you get **23.7404, 14.8841, 61.2965**, and if you desaturate by 10%, it is **31.8467, 24.8604, 62.7949**.

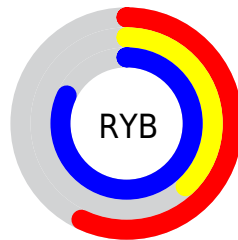
Distribution



Red (57%)

Green (38%)

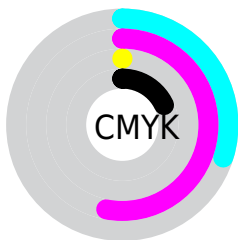
Blue (82%)



Red (57%)

Yellow (38%)

Blue (82%)

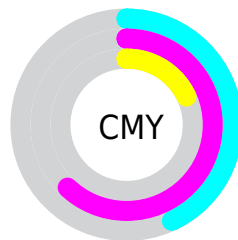


Cyan (30%)

Magenta (53%)

Yellow (0%)

Black (18%)



Cyan (43%)

Magenta (62%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.4299, 19.3092, 61.9558 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 27.4299, 19.3092, 61.9558 by changing the saturation by 10% instead.

■ 27.4299, 19.3092,
61.9558

■ 27.4299, 19.3092,
61.9558

281.8624,
248.1504, 449.7730

■ 18.0346, 11.8939,
44.5614

■ 54.9880, 42.2559,
109.2326

■ 11.0747, 6.6715,
30.7717

■ 73.8815, 58.5561,
139.9522

■ 6.1847, 3.2575,
20.1681

■ 96.6718, 78.5868,
175.9505

■ 2.9995, 1.2676,
12.3320

■ 123.7242,
102.7323, 217.6462

■ 1.1535, 0.1159,
6.8449

155.4041,
131.3770, 265.4577

■ 0.0692, 0.0000,
3.2883

192.0769,

■ 0.0000, 0.0000,

164.9053, 319.8037

1.2437

234.1079,
203.7017, 381.1026

■ 0.0000, 0.0000,
0.0150

■ 0.0000, 0.0000,
0.0000

■ 27.4299, 19.3092,
61.9558

■ 27.4299, 19.3092,
61.9558

■ 23.7404, 14.8841,
61.2965

■ 31.8467, 24.8604,
62.7949

■ 20.7291, 11.4994,
60.8019

■ 37.0306, 31.6103,
63.8245

■ 18.3435, 9.0600,
60.4568

■ 43.0212, 39.6279,
65.0563

■ 16.5207, 7.4510,
60.2423

■ 49.8543, 48.9762,
66.5006

■ 15.4931, 6.6718,
60.1460

■ 57.5635, 59.7139,
68.1668

■ 66.1806, 71.8960,
70.0640

■ 75.7355, 85.5746,
72.2007

■ 83.1834, 94.6524,
73.5603

■ 87.3683, 96.8098,
73.7562

Harmonies

Analogous

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



20.4898, 19.3092, 79.0142



27.4299, 19.3092, 61.9558



32.5832, 19.3092, 36.0050

Triad

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



27.4299, 19.3092, 61.9558



23.0271, 19.3092, 2.2225



8.6459, 19.3092, 27.4897

Complementary

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



27.4299, 19.3092, 61.9558



39.4587, 53.5710, 19.8164

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.



9.0188, 19.3092, 10.9101



27.4299, 19.3092, 61.9558



16.3699, 19.3092, 1.8558

Square

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



27.4299, 19.3092, 61.9558



29.6566, 19.3092, 5.5544



11.5381, 19.3092, 3.8186



10.3627, 19.3092, 52.6926

Rectangle

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



27.4299, 19.3092, 61.9558



33.7392, 19.3092, 21.2943



11.5381, 19.3092, 3.8186



8.5422, 19.3092, 20.7568

Sweetspot

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



27.4307, 19.3099, 61.9563



75.3070, 72.5089, 104.6343



29.3724, 33.0508, 64.5062



15.6320, 14.8530, 22.2930



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.



27.4307, 19.3099, 61.9563



37.1867, 23.0736, 97.1014



39.2623, 25.4093, 62.5100



11.6358, 11.6611, 14.8812



9.7618, 4.2127, 37.4911



0.6357, 0.2819, 2.1005

Inverse Universe

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



36.8135, 24.7190, 36.5493



54.1748, 32.8882, 50.1463



30.8445, 49.1302, 19.4133



12.0884, 11.9201, 13.7413



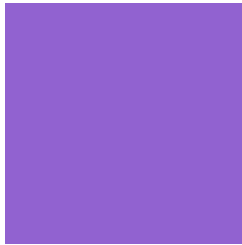
18.3416, 9.2095, 11.9712



1.0649, 0.5307, 0.8763

Previews

White Background



This preview shows how the XYZ color 27.4299, 19.3092, 61.9558 looks on a white background.

Color Contrast Check

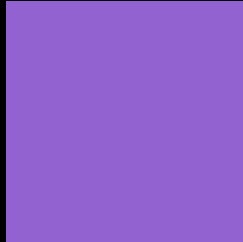
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.4299, 19.3092, 61.9558 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

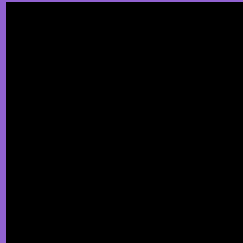
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 27.4299, 19.3092, 61.9558

Background



This preview shows how black text looks on a background with the XYZ color 27.4299, 19.3092, 61.9558.



This preview shows how white text looks on a background with the XYZ color 27.4299, 19.3092,

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

27.4299, 19.3092, 61.9558

Protanopia

22.5319, 19.6151, 75.9973

Deuteranopia

20.1772, 19.6710, 59.2333



Tritanopia

19.5806, 19.2612, 23.1078

Trichromacy



Original Color

27.4299, 19.3092, 61.9558

Protanomaly

23.2498, 18.9165, 70.8325

Deuteranomaly

21.7561, 18.8753, 60.2542

Tritanomaly

21.7619, 18.9541, 34.4098

Monochromacy



Original Color

27.4299, 19.3092, 61.9558

Achromatopsia

19.4927, 20.5079, 22.3331

Achromatomaly

21.5628, 19.5336, 33.6442

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.4299, 19.3092, 61.9558 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(145, 98, 208)` looks like.

```
.text, #text, p{  
    color:rgb(145, 98, 208)  
}
```

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(145, 98, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 98, 208) }
```

Border

The CSS property to change the border of an element to XYZ 27.4299, 19.3092, 61.9558 is called "border". The border property can be set on classes, ids or directly on the HTML element.

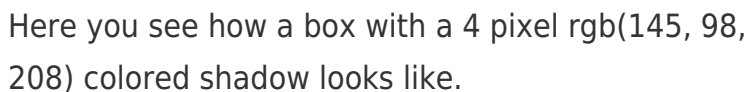
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(145, 98, 208) }
```


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

```
.border{ border-color:rgb(145, 98, 208) }
```

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



Here you see how a box with a 4 pixel `rgb(145, 98, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(145, 98, 208); -webkit-box-shadow:4px 4px 4px 4px rgb(145, 98, 208); box-shadow:4px 4px 4px 4px rgb(145, 98, 208) }
```

Background

The CSS property to change the background color of an element to XYZ 27.4299, 19.3092, 61.9558 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 98, 208) }
```

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

```
.background{ background-color: rgb(145, 98,  
208) }
```

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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