

Converting Colors

XYZ(28.9138, 19.8596, 61.2156)

Have a look what the booklet for
XYZ(28.9138, 19.8596, 61.2156)
contains.

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Color

**XYZ(28.9629, 19.8393,
61.3343)**

Conversions

Conversions Part 1

Format	Color
Hex	9B60CF
RGB	155, 96, 207
RGB Percent	61%, 38%, 81%
CMY	0.3921, 0.6235, 0.1882
CMYK	0.25, 0.54, 0.00, 0.19
HSL	272°, 54%, 59%
HSV	272°, 54%, 81%
XYZ	28.9629, 19.8393, 61.3343
YIQ	126.2950, -0.4670, 47.0290

Conversions

Conversions Part 2

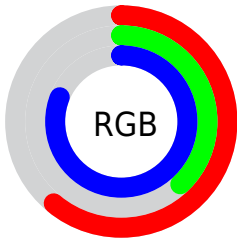
Format	Color
RYB	155, 96, 207
Decimal	10182863
CIELab	51.66, 44.85, -48.53
CIELCh	52, 66.078, 312.742
Yxy	19.8393, 0.2630, 0.1801
Android (android.graphics.Color)	4288372943 (0xFF9B60CF)
YUV	126.2950, 39.7876, 25.1743
Hunter-Lab	44.5413, 38.1219, -50.4646

Details

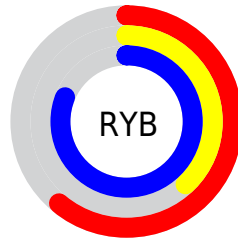
The XYZ color **28.9629, 19.8393, 61.3343** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **36.6373, 51.7664, 19.1279**, and the grayscale version is **19.8012, 20.8324, 22.6865**.

A 20% lighter version of the original color is **55.7913, 42.3969, 99.8506**, and **11.9000, 6.9303, 30.4162** is the 20% darker color. If you saturate the color by 10%, you get **25.5301, 15.6258, 60.7023**, and if you desaturate by 10%, it is **33.0439, 25.1256, 62.1399**.

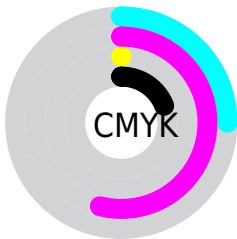
Distribution



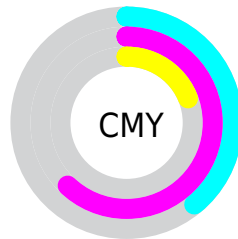
- Red (61%)
- Green (38%)
- Blue (81%)



- Red (61%)
- Yellow (38%)
- Blue (81%)



- Cyan (25%)
- Magenta (54%)
- Yellow (0%)
- Black (19%)




- Cyan (39%)
- Magenta (62%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 28.9629, 19.8393, 61.3343 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 28.9629, 19.8393, 61.3343 by changing the saturation by 10% instead.


 28.9629, 19.8393,
61.3343


 28.9629, 19.8393,
61.3343


289.0372,
251.0438, 447.4391


 19.1969, 12.2783,
44.0627


 57.4161, 43.1476,
108.3251


 11.9175, 6.9335,
30.3823


 76.8340, 59.6637,
138.8813

 6.7593, 3.4205,
19.8744


 100.1999, 79.9335,
174.7029

 3.3570, 1.3550,
12.1206

 127.8792,
104.3416, 216.2083

 1.3453, 0.1832,
6.7023

160.2373,
133.2723, 263.8161

 0.2167, 0.0000,
3.2010

197.6394,

 0.0000, 0.0000,

167.1099, 317.9448

1.1982

240.4509,
206.2390, 379.0129

■ 0.0000, 0.0000,
0.0000

■ 28.9629, 19.8393,
61.3343

■ 28.9629, 19.8393,
61.3343

■ 25.5301, 15.6258,
60.7023

■ 33.0439, 25.1256,
62.1399

■ 22.6997, 12.4013,
60.2291

■ 37.8097, 31.5554,
63.1298

■ 20.4228, 10.0724,
59.8996

■ 43.2966, 39.1958,
64.3154

■ 18.6400, 8.5257,
59.6950

■ 49.5377, 48.1080,
65.7067

■ 17.6965, 7.8219,
59.6089

■ 56.5637, 58.3489,
67.3130

■ 64.4035, 69.9720,
69.1433

■ 73.0844, 83.0276,
71.2058

■ 80.4898, 93.2780,
72.7940

■ 83.7356, 94.9513,
72.9459

Harmonies

Analogous

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



21.8276, 19.8393, 80.8357



28.9629, 19.8393, 61.3343



33.9377, 19.8393, 34.4255

Triad

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



28.9629, 19.8393, 61.3343



22.9208, 19.8393, 2.0893



8.9137, 19.8393, 30.7525

Complementary

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



28.9629, 19.8393, 61.3343



36.6373, 51.7664, 19.1279

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.



9.0733, 19.8393, 12.4384



28.9629, 19.8393, 61.3343



16.1684, 19.8393, 1.9355

Square

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



28.9629, 19.8393, 61.3343



29.9241, 19.8393, 5.0378



11.4262, 19.8393, 4.3019



10.9224, 19.8393, 57.3239

Rectangle

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



28.9629, 19.8393, 61.3343



34.7767, 19.8393, 19.8925



11.4262, 19.8393, 4.3019



8.7323, 19.8393, 23.4059

Sweetspot

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



28.9637, 19.8401, 61.3348



76.7017, 73.2279, 104.6995



26.9376, 28.6937, 63.1505



15.9637, 15.0241, 22.3085



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.



28.9637, 19.8401, 61.3348



40.3457, 24.3695, 97.1851



40.9530, 26.0468, 60.7220



11.7550, 11.7225, 14.8868



11.2598, 4.9849, 37.5612



0.7208, 0.3257, 2.1045

Inverse Universe

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



35.2608, 23.7699, 30.7469



52.1413, 31.7163, 40.5431



29.3348, 47.9919, 19.2361



12.0359, 11.8991, 13.4650



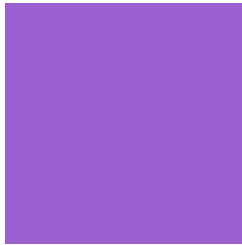
17.6179, 8.9200, 8.1602



1.0250, 0.5147, 0.6665

Previews

White Background



This preview shows how the XYZ color 28.9629, 19.8393, 61.3343 looks on a white background.

Color Contrast Check

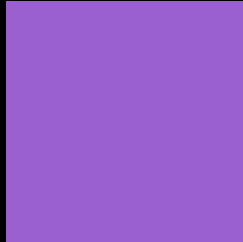
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.9629, 19.8393, 61.3343 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

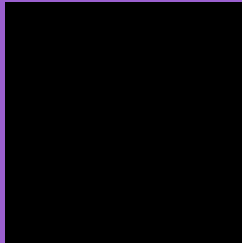
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 28.9629, 19.8393, 61.3343

Background



This preview shows how black text looks on a background with the XYZ color 28.9629, 19.8393, 61.3343.

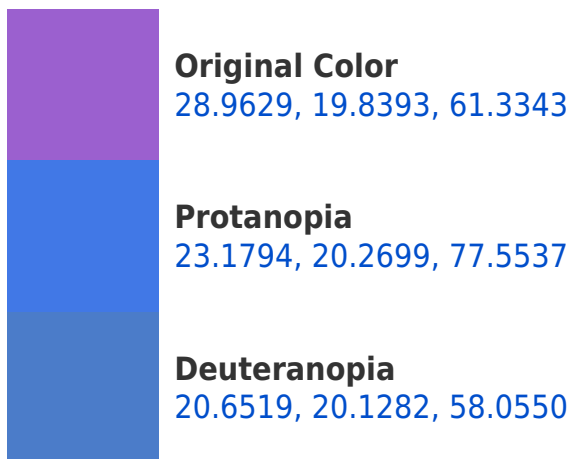


This preview shows how white text looks on a background with the XYZ color 28.9629, 19.8393,

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





Tritanopia

21.1117, 19.8917, 22.4654

Trichromacy



Original Color

28.9629, 19.8393, 61.3343

Protanomaly

23.9063, 19.2395, 71.5608

Deuteranomaly

22.5057, 19.2895, 59.0370

Tritanomaly

23.2391, 19.4148, 33.5329

Monochromacy



Original Color

28.9629, 19.8393, 61.3343

Achromatopsia

19.8309, 20.8637, 22.7206

Achromatomaly

22.3637, 19.9464, 33.6817

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.9629, 19.8393, 61.3343 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(155, 96, 207)` looks like.

```
.text, #text, p{  
    color:rgb(155, 96, 207)  
}
```

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(155, 96, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 96, 207) }
```

Border

The CSS property to change the border of an element to XYZ 28.9629, 19.8393, 61.3343 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(155, 96, 207) }
```


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

```
.border{ border-color:rgb(155, 96, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 96, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 96, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 96, 207);  
box-shadow:4px 4px 4px 4px rgb(155, 96,  
207) }
```

Background

The CSS property to change the background color of an element to XYZ 28.9629, 19.8393, 61.3343 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 96, 207) }
```

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

```
.background{ background-color: rgb(155, 96,  
207) }
```

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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