

Converting Colors

XYZ(26.7407, 17.9258, 60.0855)

Have a look what the booklet for
XYZ(26.7407, 17.9258, 60.0855)
contains.

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Color

**XYZ(26.7082, 17.9232,
59.8094)**

Conversions

Conversions Part 1

Format	Color
Hex	935ACD
RGB	147, 90, 205
RGB Percent	58%, 35%, 80%
CMY	0.4235, 0.6470, 0.1961
CMYK	0.28, 0.56, 0.00, 0.20
HSL	270°, 53%, 58%
HSV	270°, 56%, 80%
XYZ	26.7082, 17.9232, 59.8094
YIQ	120.1530, -2.9430, 47.8490

Conversions

Conversions Part 2

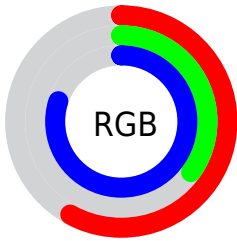
Format	Color
R_{YB}	147, 90, 205
Decimal	9657037
CIE _{Lab}	49.40, 45.59, -51.03
CIE _{LCh}	49, 68.428, 311.775
Yxy	17.9232, 0.2557, 0.1716
Android (android.graphics.Color)	4287847117 (0xFF935ACD)
YUV	120.1530, 41.8296, 23.5448
Hunter-Lab	42.3358, 38.5219, -54.1262

Details

The XYZ color **26.7082, 17.9232, 59.8094** is a dark color, and the websafe version is hex **9966CC**. The color can be described as middle muted purple. A complement of this color would be **35.8899, 50.6971, 17.5674**, and the grayscale version is **17.7733, 18.6989, 20.3631**.

A 20% lighter version of the original color is **52.6248, 39.4034, 99.4397**, and **10.6774, 5.9949, 29.4485** is the 20% darker color. If you saturate the color by 10%, you get **23.4401, 14.0161, 59.2278**, and if you desaturate by 10%, it is **30.6212, 22.8710, 60.5585**.

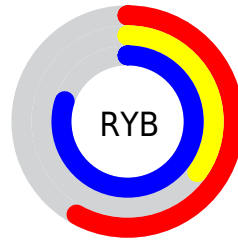
Distribution



Red (58%)

Green (35%)

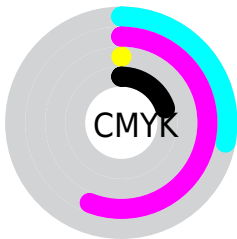
Blue (80%)



Red (58%)

Yellow (35%)

Blue (80%)

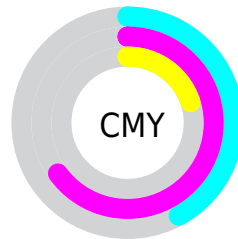


Cyan (28%)

Magenta (56%)

Yellow (0%)

Black (20%)



Cyan (42%)

Magenta (65%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.7082, 17.9232, 59.8094 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 26.7082, 17.9232, 59.8094 by changing the saturation by 10% instead.

■ 26.7082, 17.9232,
59.8094

■ 26.7082, 17.9232,
59.8094

278.4349,
240.4378, 441.6800

■ 17.4896, 10.8949,
42.8407

■ 53.8385, 39.9064,
106.0938

■ 10.6817, 5.9962,
29.4297

■ 72.4809, 55.6301,
136.2466

■ 5.9189, 2.8428,
19.1577

■ 94.9953, 75.0210,
171.6312

■ 2.8360, 1.0502,
11.6064

■ 121.7471, 98.4635,
212.6661

■ 1.0677, 0.0000,
6.3570

153.1016,
126.3421, 259.7699

■ 0.0000, 0.0000,
2.9911

189.4241,

■ 0.0000, 0.0000,

159.0410, 313.3611

1.0901

231.0801,
196.9448, 373.8583

■ 0.0000, 0.0000,
0.0000

■ 26.7082, 17.9232,
59.8094

■ 26.7082, 17.9232,
59.8094

■ 23.4401, 14.0161,
59.2278

■ 30.6212, 22.8710,
60.5585

■ 20.7700, 11.0650,
58.7989

■ 35.2167, 28.9310,
61.4860

■ 18.6473, 8.9743,
58.5073

■ 40.5318, 36.1706,
62.6032

■ 17.0083, 7.6241,
58.3330

■ 46.6001, 44.6510,
63.9203

■ 16.4549, 7.2099,
58.2823

■ 53.4528, 54.4292,
65.4465

■ 61.1194, 65.5585,
67.1906

■ 69.6276, 78.0893,
69.1609

■ 79.0039, 92.0693,
71.3651

■ 82.7329, 94.4625,
71.6305

Harmonies

Analogous

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



19.6944, 17.9232, 79.0470



26.7082, 17.9232, 59.8094



31.7435, 17.9232, 32.8686

Triad

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



26.7082, 17.9232, 59.8094



21.2171, 17.9232, 1.4835



7.5486, 17.9232, 27.7000

Complementary

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



26.7082, 17.9232, 59.8094



35.8899, 50.6971, 17.5674

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.



7.7605, 17.9232, 10.3795



26.7082, 17.9232, 59.8094



14.6273, 17.9232, 1.3055

Square

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



26.7082, 17.9232, 59.8094



28.0625, 17.9232, 4.1260



10.0355, 17.9232, 3.2019



9.3578, 17.9232, 54.0414

Rectangle

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



26.7082, 17.9232, 59.8094



32.6860, 17.9232, 18.4355



10.0355, 17.9232, 3.2019



7.4013, 17.9232, 20.6365

Sweetspot

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



26.7089, 17.9239, 59.8098



75.1550, 71.4788, 104.4434



26.0500, 28.2091, 61.8298



15.6377, 14.6685, 22.2571



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.



26.7089, 17.9239, 59.8098



37.5584, 22.0005, 96.8747



39.3273, 24.4289, 60.4004



11.1225, 11.1125, 14.1291



10.3532, 4.5448, 36.2878



0.6217, 0.2796, 1.8761

Inverse Universe

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



34.1787, 22.4302, 30.5454



51.7077, 30.5382, 41.3567



28.0826, 46.6723, 17.2020



11.4444, 11.3065, 12.8748



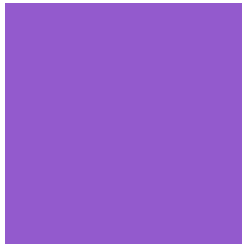
17.2579, 8.7138, 9.0768



0.9286, 0.4649, 0.6700

Previews

White Background



This preview shows how the XYZ color 26.7082, 17.9232, 59.8094 looks on a white background.

Color Contrast Check

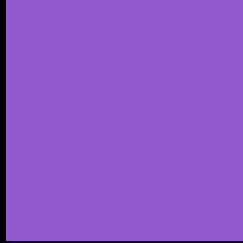
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.7082, 17.9232, 59.8094 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

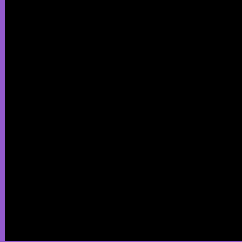
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 26.7082, 17.9232, 59.8094

Background



This preview shows how black text looks on a background with the XYZ color 26.7082, 17.9232, 59.8094.



This preview shows how white text looks on a background with the XYZ color 26.7082, 17.9232,

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

26.7082, 17.9232, 59.8094

Protanopia

21.3791, 18.3201, 76.5381

Deuteranopia

18.7093, 18.2470, 56.5688



Tritanopia

18.7611, 17.8744, 20.5504

Trichromacy



Original Color

26.7082, 17.9232, 59.8094



Protanomaly

21.6260, 17.1553, 69.8816



Deuteranomaly

20.2196, 17.1663, 57.5061



Tritanomaly

20.9343, 17.4860, 31.9775

Monochromacy



Original Color

26.7082, 17.9232, 59.8094



Achromatopsia

17.8524, 18.7821, 20.4537



Achromatomaly

20.2605, 17.9175, 31.6687

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.7082, 17.9232, 59.8094 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(147, 90, 205)` looks like.

```
.text, #text, p{  
    color:rgb(147, 90, 205)  
}
```

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(147, 90, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 90, 205) }
```

Border

The CSS property to change the border of an element to XYZ 26.7082, 17.9232, 59.8094 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(147, 90, 205) }
```


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

```
.border{ border-color:rgb(147, 90, 205) }
```

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

Here you see how a box with a 4 pixel rgb(147, 90, 205) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 90, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 90, 205);  
box-shadow:4px 4px 4px 4px rgb(147, 90,  
205) }
```

Background

The CSS property to change the background color of an element to XYZ 26.7082, 17.9232, 59.8094 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 90, 205) }
```

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

```
.background{ background-color: rgb(147, 90,  
205) }
```

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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