

Converting Colors

XYZ(26.7312, 23.5407, 62.8094)

Have a look what the booklet for
XYZ(26.7312, 23.5407, 62.8094)
contains.

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Color

**XYZ(26.7312, 23.5407,
62.8094)**

Conversions

Conversions Part 1

Format	Color
Hex	797ED0
RGB	121, 126, 208
RGB Percent	47%, 49%, 82%
CMY	0.5255, 0.5059, 0.1843
CMYK	0.42, 0.39, 0.00, 0.18
HSL	237°, 48%, 65%
HSV	237°, 42%, 82%
XYZ	26.7312, 23.5407, 62.8094
YIQ	133.8530, -29.3020, 24.4420

Conversions

Conversions Part 2

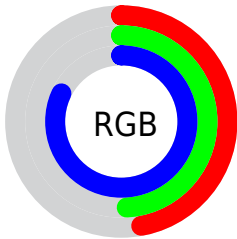
Format	Color
RYB	121, 126, 208
Decimal	7962320
CIELab	55.62, 18.86, -43.00
CIELCh	56, 46.952, 293.685
Yxy	23.5407, 0.2364, 0.2082
Android (android.graphics.Color)	4286152400 (0xFF797ED0)
YUV	133.8530, 36.5545, -11.2721
Hunter-Lab	48.5188, 13.4360, -42.7901

Details

The XYZ color **26.7312, 23.5407, 62.8094** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **50.8207, 57.5038, 26.5113**, and the grayscale version is **22.4846, 23.6556, 25.7609**.

A 20% lighter version of the original color is **52.3016, 48.8073, 101.2719**, and **10.6504, 8.7659, 31.2676** is the 20% darker color. If you saturate the color by 10%, you get **21.8584, 17.6651, 61.9326**, and if you desaturate by 10%, it is **32.7254, 30.7244, 63.8805**.

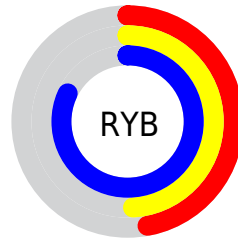
Distribution



Red (47%)

Green (49%)

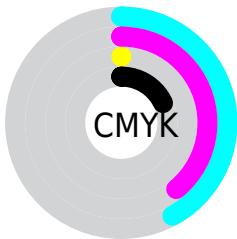
Blue (82%)



Red (47%)

Yellow (49%)

Blue (82%)

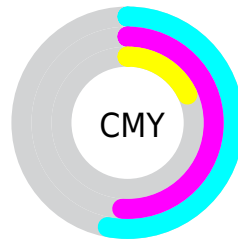


Cyan (42%)

Magenta (39%)

Yellow (0%)

Black (18%)



Cyan (53%)

Magenta (51%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.7312, 23.5407, 62.8094 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 26.7312, 23.5407, 62.8094 by changing the saturation by 10% instead.

■ 26.7312, 23.5407,
62.8094

■ 26.7312, 23.5407,
62.8094

278.5446,
270.4901, 452.9663

■ 17.5070, 14.9933,
45.2470

■ 53.8752, 49.2796,
110.4774

■ 10.6942, 8.8147,
31.3077

■ 72.5256, 67.2399,
141.4201

■ 5.9273, 4.6205,
20.5728

■ 95.0489, 89.1066,
177.6600

■ 2.8412, 2.0264,
12.6239

121.8103,
115.2642, 219.6157

■ 1.0703, 0.6227,
7.0424

153.1752,
146.0969, 267.7056

■ 0.0001, 0.0000,
3.4098

189.5090,

■ 0.0000, 0.0000,

181.9892, 322.3483

1.3075

231.1770,
223.3254, 383.9624

■ 0.0000, 0.0000,
0.0679

■ 0.0000, 0.0000,
0.0000

■ 26.7312, 23.5407,
62.8094

■ 26.7312, 23.5407,
62.8094

■ 21.8584, 17.6651,
61.9326

■ 32.7254, 30.7244,
63.8805

■ 18.0348, 13.0164,
61.2368

■ 39.9021, 39.2858,
65.1548

■ 15.1838, 9.5084,
60.7100

■ 48.3208, 49.2926,
66.6426

■ 13.2173, 7.0423,
60.3376

■ 58.0366, 60.8073,
68.3530

■ 12.0312, 5.5027,
60.1029

■ 69.1011, 73.8886,
70.2948

■ 11.5161, 4.8158,
59.9975

■ 81.5631, 88.5922,
72.4761

■ 88.3852, 97.3341,
73.8039

Harmonies

Analogous

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



21.2706, 23.5407, 67.0553



26.7312, 23.5407, 62.8094



31.6496, 23.5407, 47.1374

Triad

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



26.7312, 23.5407, 62.8094



28.9813, 23.5407, 8.5542



13.6847, 23.5407, 22.5487

Complementary

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



26.7312, 23.5407, 62.8094



50.8207, 57.5038, 26.5113

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.



15.1159, 23.5407, 11.9235



26.7312, 23.5407, 62.8094



23.5165, 23.5407, 6.1710

Square

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



26.7312, 23.5407, 62.8094



33.0857, 23.5407, 15.5898



18.5193, 23.5407, 7.0984



14.2677, 23.5407, 39.2614

Rectangle

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



26.7312, 23.5407, 62.8094



33.6717, 23.5407, 34.7532



18.5193, 23.5407, 7.0984



13.9378, 23.5407, 18.2649

Sweetspot

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



26.7321, 23.5416, 62.8100



74.7180, 75.9053, 105.3209



41.1263, 53.4511, 64.1514



15.3302, 15.4600, 22.4260



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.



26.7321, 23.5416, 62.8100



35.5166, 29.0495, 98.3429



32.4623, 25.5704, 62.8996



11.2174, 11.5251, 14.8770



7.2008, 3.0482, 37.4013



0.4222, 0.2096, 2.0978

Inverse Universe

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



36.6165, 28.5922, 23.3283



53.2549, 38.3126, 27.4452



42.6505, 55.0724, 26.4726



11.8359, 11.8191, 12.4116



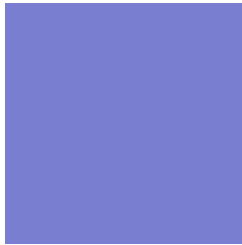
16.2654, 8.3790, 1.0377



0.9193, 0.4725, 0.1100

Previews

White Background



This preview shows how the XYZ color 26.7312, 23.5407, 62.8094 looks on a white background.

Color Contrast Check

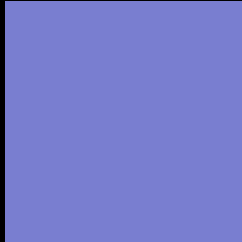
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.7312, 23.5407, 62.8094 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 26.7312, 23.5407, 62.8094

Background



This preview shows how black text looks on a background with the XYZ color 26.7312, 23.5407, 62.8094.

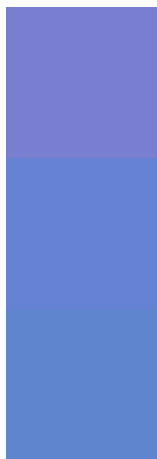


This preview shows how white text looks on a background with the XYZ color 26.7312, 23.5407,

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

26.7312, 23.5407, 62.8094

Protanopia

25.3458, 23.5435, 65.4958

Deuteranopia

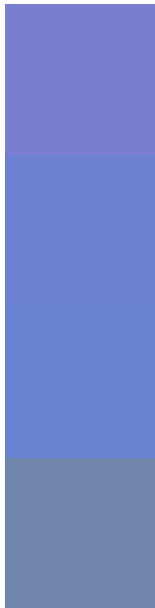
24.2474, 23.6642, 61.6822



Tritanopia

20.4572, 23.4111, 31.8743

Trichromacy



Original Color

26.7312, 23.5407, 62.8094

Protanomaly

25.9148, 23.6549, 64.8280

Deuteranomaly

24.9540, 23.4133, 62.2355

Tritanomaly

22.3363, 23.3320, 41.3565

Monochromacy



Original Color

26.7312, 23.5407, 62.8094

Achromatopsia

22.6597, 23.8398, 25.9615

Achromatomaly

23.6026, 23.4729, 37.0050

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.7312, 23.5407, 62.8094 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(121, 126, 208)` looks like.

```
.text, #text, p{  
    color:rgb(121, 126, 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(121, 126, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 126, 208) }
```

Border

The CSS property to change the border of an element to XYZ 26.7312, 23.5407, 62.8094 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(121, 126, 208) }
```


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

```
.border{ border-color:rgb(121, 126, 208) }
```

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

Here you see how a box with a 4 pixel rgb(121, 126, 208) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 126, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 126, 208);  
box-shadow:4px 4px 4px 4px rgb(121, 126,  
208) }
```

Background

The CSS property to change the background color of an element to XYZ 26.7312, 23.5407, 62.8094 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 126, 208) }
```

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

```
.background{ background-color: rgb(121,  
126, 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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