

Converting Colors

XYZ(28.6360, 22.6489, 62.0309)

Have a look what the booklet for
XYZ(28.6360, 22.6489, 62.0309)
contains.

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Color

**XYZ(28.6632, 22.7466,
61.9113)**

Conversions

Conversions Part 1

Format	Color
Hex	8E74CF
RGB	142, 116, 207
RGB Percent	56%, 45%, 81%
CMY	0.4431, 0.5451, 0.1882
CMYK	0.31, 0.44, 0.00, 0.19
HSL	257°, 49%, 63%
HSV	257°, 44%, 81%
XYZ	28.6632, 22.7466, 61.9113
YIQ	134.1480, -13.7150, 33.8130

Conversions

Conversions Part 2

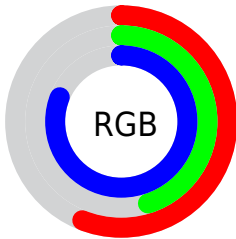
Format	Color
R _Y B	142, 116, 207
Decimal	9336015
CIE Lab	54.81, 30.08, -43.60
CIE LCh	55, 52.974, 304.601
Yxy	22.7466, 0.2529, 0.2007
Android (android.graphics.Color)	4287526095 (0xFF8E74CF)
YUV	134.1480, 35.9160, 6.8862
Hunter-Lab	47.6934, 23.8131, -43.5796

Details

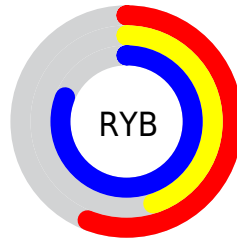
The XYZ color **28.6632, 22.7466, 61.9113** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **44.5217, 55.7108, 24.9305**, and the grayscale version is **22.5909, 23.7673, 25.8826**.

A 20% lighter version of the original color is **55.3413, 47.2310, 100.8074**, and **11.6992, 8.3560, 30.7020** is the 20% darker color. If you saturate the color by 10%, you get **24.1669, 17.2728, 61.0921**, and if you desaturate by 10%, it is **34.0294, 29.4588, 62.9245**.

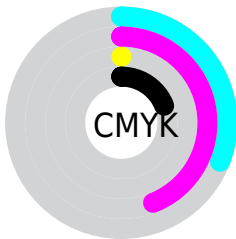
Distribution



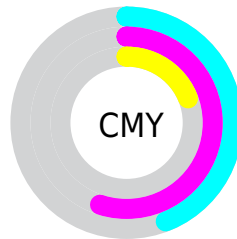
- Red (56%)
- Green (45%)
- Blue (81%)



- Red (56%)
- Yellow (45%)
- Blue (81%)



- Cyan (31%)
- Magenta (44%)
- Yellow (0%)
- Black (19%)



- Cyan (44%)
- Magenta (55%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.6632, 22.7466, 61.9113 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 28.6632, 22.7466, 61.9113 by changing the saturation by 10% instead.

■ 28.6632, 22.7466,
61.9113

■ 28.6632, 22.7466,
61.9113

287.6455,
266.4208, 449.6062

■ 18.9692, 14.4065,
44.5257

■ 56.9428, 47.9769,
109.1677

■ 11.7519, 8.4039,
30.7438

■ 76.2591, 65.6359,
139.8755

■ 6.6460, 4.3545,
20.1470

■ 99.5136, 87.1700,
175.8612

■ 3.2860, 1.8738,
12.3168

127.0715,
112.9636, 217.5433

■ 1.3068, 0.5325,
6.8347

159.2984,
143.4011, 265.3403

■ 0.1883, 0.0000,
3.2820

196.5594,

■ 0.0000, 0.0000,

178.8669, 319.6708

1.2404

239.2200,
219.7453, 380.9532

■ 0.0000, 0.0000,
0.0122

■ 0.0000, 0.0000,
0.0000

■ 28.6632, 22.7466,
61.9113

■ 28.6632, 22.7466,
61.9113

■ 24.1669, 17.2728,
61.0921

■ 34.0294, 29.4588,
62.9245

■ 20.4889, 12.9566,
60.4529

■ 40.3077, 37.4780,
64.1414

■ 17.5761, 9.7113,
59.9800

■ 47.5406, 46.8710,
65.5732

■ 15.3670, 7.4367,
59.6574

■ 55.7671, 57.6989,
67.2297

■ 13.7893, 6.0119,
59.4655

■ 65.0240, 70.0193,
69.1199

■ 13.0748, 5.4393,
59.3927

■ 75.3460, 83.8866,
71.2525

■ 84.8542, 95.5279,
72.9983

■ 88.2626, 97.2850,
73.1579

Harmonies

Analogous

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



22.5356, 22.7466, 72.8061



28.6632, 22.7466, 61.9113



33.4668, 22.7466, 41.3288

Triad

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



28.6632, 22.7466, 61.9113



26.8168, 22.7466, 5.5675



12.2283, 22.7466, 27.4444

Complementary

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



28.6632, 22.7466, 61.9113



44.5217, 55.7108, 24.9305

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.



12.9619, 22.7466, 13.3528



28.6632, 22.7466, 61.9113



20.7295, 22.7466, 4.5264

Square

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



28.6632, 22.7466, 61.9113



32.2729, 22.7466, 10.6000



15.8368, 22.7466, 6.5794



13.6146, 22.7466, 47.9563

Rectangle

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



28.6632, 22.7466, 61.9113



34.8753, 22.7466, 27.9263



15.8368, 22.7466, 6.5794



12.2377, 22.7466, 21.8558

Sweetspot

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



28.6641, 22.7475, 61.9118



77.1904, 76.4254, 105.2909



35.0336, 41.3547, 65.1677



15.9325, 15.5876, 22.4189



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.



28.6641, 22.7475, 61.9118



38.9407, 27.9333, 97.9470



38.0714, 27.5971, 62.3521



11.4764, 11.5789, 14.8737



8.3189, 3.4688, 37.4236



0.5436, 0.2344, 2.0962

Inverse Universe

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



40.3186, 29.0931, 47.2069



60.3829, 39.6347, 69.6946



35.5733, 51.0977, 24.5118



12.1608, 11.9490, 14.1224



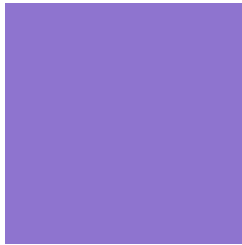
19.6155, 9.7190, 18.6793



1.1300, 0.5567, 1.2196

Previews

White Background



This preview shows how the XYZ color 28.6632, 22.7466, 61.9113 looks on a white background.

Color Contrast Check

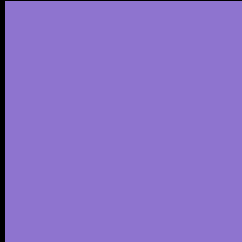
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.6632, 22.7466, 61.9113 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

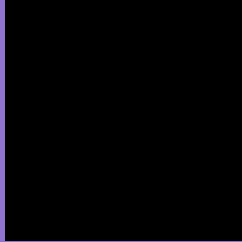
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 28.6632, 22.7466, 61.9113

Background



This preview shows how black text looks on a background with the XYZ color 28.6632, 22.7466, 61.9113.



This preview shows how white text looks on a background with the XYZ color 28.6632, 22.7466,

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

28.6632, 22.7466, 61.9113

Protanopia

24.9902, 22.8800, 69.4288

Deuteranopia

23.5296, 22.9194, 60.3105



Tritanopia

21.9773, 22.8228, 28.4462

Trichromacy



Original Color

28.6632, 22.7466, 61.9113

Protanomaly

25.9008, 22.6499, 66.6251

Deuteranomaly

25.0358, 22.7090, 60.8213

Tritanomaly

24.0839, 22.7067, 38.7108

Monochromacy



Original Color

28.6632, 22.7466, 61.9113

Achromatopsia

22.6597, 23.8398, 25.9615

Achromatomaly

24.3389, 23.0703, 36.8884

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.6632, 22.7466, 61.9113 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(142, 116, 207)` looks like.

```
.text, #text, p{  
    color:rgb(142, 116, 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(142, 116, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 116, 207) }
```

Border

The CSS property to change the border of an element to XYZ 28.6632, 22.7466, 61.9113 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(142, 116, 207) }
```


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

```
.border{ border-color:rgb(142, 116, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 116, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 116, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 116, 207);  
box-shadow:4px 4px 4px 4px rgb(142, 116,  
207) }
```

Background

The CSS property to change the background color of an element to XYZ 28.6632, 22.7466, 61.9113 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 116, 207) }
```

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

```
.background{ background-color: rgb(142,  
116, 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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