

Converting Colors

XYZ(32.1928, 24.9743, 72.1265)

Have a look what the booklet for
XYZ(32.1928, 24.9743, 72.1265)
contains.

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Color

**XYZ(32.2957, 25.0964,
72.2492)**

Conversions

Conversions Part 1

Format	Color
Hex	9578DE
RGB	149, 120, 222
RGB Percent	58%, 47%, 87%
CMY	0.4157, 0.5294, 0.1294
CMYK	0.33, 0.46, 0.00, 0.13
HSL	257°, 61%, 67%
HSV	257°, 46%, 87%
XYZ	32.2957, 25.0964, 72.2492
YIQ	140.2990, -15.4580, 37.8700

Conversions

Conversions Part 2

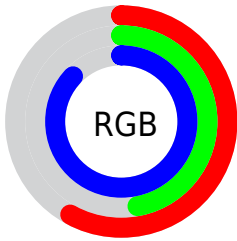
Format	Color
RYB	149, 120, 222
Decimal	9795806
CIELab	57.17, 33.52, -48.29
CIELCh	57, 58.783, 304.766
Yxy	25.0964, 0.2491, 0.1936
Android (android.graphics.Color)	4287985886 (0xFF9578DE)
YUV	140.2990, 40.2786, 7.6308
Hunter-Lab	50.0963, 27.4055, -50.4410

Details

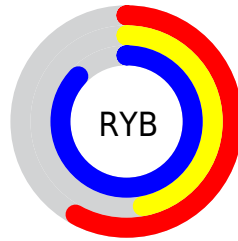
The XYZ color **32.2957, 25.0964, 72.2492** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **51.5041, 64.9365, 27.5895**, and the grayscale version is **24.8968, 26.1934, 28.5246**.

A 20% lighter version of the original color is **58.4472, 50.2290, 101.2224**, and **13.7523, 9.6393, 37.2121** is the 20% darker color. If you saturate the color by 10%, you get **27.2252, 18.9683, 71.3341**, and if you desaturate by 10%, it is **38.3825, 32.6679, 73.3903**.

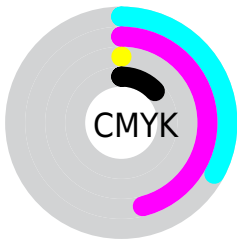
Distribution



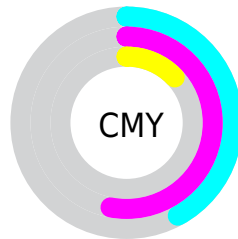
- Red (58%)
- Green (47%)
- Blue (87%)



- Red (58%)
- Yellow (47%)
- Blue (87%)



- Cyan (33%)
- Magenta (46%)
- Yellow (0%)
- Black (13%)




- Cyan (42%)
- Magenta (53%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.2957, 25.0964, 72.2492 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 32.2957, 25.0964, 72.2492 by changing the saturation by 10% instead.

 32.2957, 25.0964,
72.2492


 32.2957, 25.0964,
72.2492


304.1855,
278.3177, 487.4093

 21.7441, 16.1489,
52.8742


 62.6364, 51.8136,
124.1218

 13.7845, 9.6296,
37.3153


 83.1563, 70.3520,
157.4564

 8.0517, 5.1541,
25.1540


 107.7296, 92.8562,
196.2814

 4.1801, 2.3379,
15.9718

136.7217,
119.7106, 241.0151

 1.8045, 0.7937,
9.3500

170.4980,
151.2996, 292.0763

 0.5204, 0.0000,
4.8703

209.4238,

 0.0000, 0.0000,

188.0075, 349.8833

2.1139

253.8645,
230.2187, 414.8548

■ 0.0000, 0.0000,
0.6241

■ 0.0000, 0.0000,
0.0000

■ 32.2957, 25.0964,
72.2492

■ 32.2957, 25.0964,
72.2492

■ 27.2252, 18.9683,
71.3341

■ 38.3825, 32.6679,
73.3903

■ 23.1087, 14.1859,
70.6279


■ 45.5368, 41.7663,
74.7694


■ 19.8813, 10.6433,
70.1143


■ 53.8099, 52.4716,
76.3997


■ 17.4676, 8.2170,
69.7731


■ 63.2487, 64.8578,
78.2930

 15.7770, 6.7553,
69.5801

 73.8973, 78.9939,
80.4603

 15.2425, 6.3347,
69.5271

 85.7975, 94.9450,
82.9120

 90.1849, 98.0540,
83.2808

Harmonies

Analogous

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



24.9787, 25.0964, 85.8035



32.2957, 25.0964, 72.2492



38.0666, 25.0964, 47.0596

Triad

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



32.2957, 25.0964, 72.2492



30.0033, 25.0964, 5.2905



12.8777, 25.0964, 30.6236

Complementary

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



32.2957, 25.0964, 72.2492



51.5041, 64.9365, 27.5895

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.



13.7083, 25.0964, 14.0617



32.2957, 25.0964, 72.2492



22.7624, 25.0964, 4.1997

Square

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



32.2957, 25.0964, 72.2492



36.5734, 25.0964, 10.8192



17.0276, 25.0964, 6.4252



14.4886, 25.0964, 55.4068

Rectangle

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



32.2957, 25.0964, 72.2492



39.7532, 25.0964, 30.9608



17.0276, 25.0964, 6.4252



12.8841, 25.0964, 23.9869

Sweetspot

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



32.2967, 25.0973, 72.2498



75.9169, 74.7719, 105.0389



40.0233, 47.4519, 76.1574



15.6800, 15.2614, 22.3693



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.



32.2967, 25.0973, 72.2498



37.5983, 26.3562, 97.7134



43.6947, 30.9732, 72.7832



13.3162, 13.4310, 17.2783



9.1483, 3.8114, 41.3019



0.7205, 0.3087, 2.8669

Inverse Universe

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



46.4668, 32.8135, 54.3365



59.6238, 38.3772, 68.6380



40.6846, 59.3589, 27.0831



14.1202, 13.8657, 16.4029



21.6541, 10.7286, 20.6420



1.5388, 0.7588, 1.6302

Previews

White Background



This preview shows how the XYZ color 32.2957, 25.0964, 72.2492 looks on a white background.

Color Contrast Check

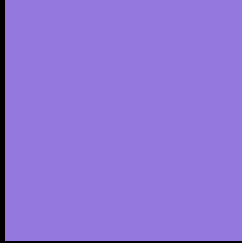
Large Text (above 18pt) WCAG AA ✓ Pass

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 32.2957, 25.0964, 72.2492 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

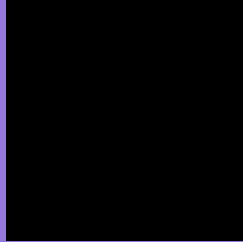
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 32.2957, 25.0964, 72.2492

Background



This preview shows how black text looks on a background with the XYZ color 32.2957, 25.0964, 72.2492.



This preview shows how white text looks on a background with the XYZ color 32.2957, 25.0964,

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

32.2957, 25.0964, 72.2492

Protanopia

28.0347, 25.3755, 82.0176

Deuteranopia

25.9149, 25.1774, 69.8235



Tritanopia

24.1225, 25.0978, 31.5899

Trichromacy



Original Color

32.2957, 25.0964, 72.2492

Protanomaly

28.9432, 24.9244, 78.1483

Deuteranomaly

27.5846, 24.7918, 70.3493

Tritanomaly

26.5016, 24.8167, 43.9508

Monochromacy



Original Color

32.2957, 25.0964, 72.2492

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

26.9709, 25.5170, 41.5340

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.2957, 25.0964, 72.2492 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(149, 120, 222)` looks like.

```
.text, #text, p{  
    color:rgb(149, 120, 222)  
}
```

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(149, 120, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 120, 222) }
```

Border

The CSS property to change the border of an element to XYZ 32.2957, 25.0964, 72.2492 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(149, 120, 222) }
```


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

```
.border{ border-color:rgb(149, 120, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 120, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 120, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 120, 222);  
box-shadow:4px 4px 4px 4px rgb(149, 120,  
222) }
```

Background

The CSS property to change the background color of an element to XYZ 32.2957, 25.0964, 72.2492 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 120, 222) }
```

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

```
.background{ background-color: rgb(149,  
120, 222) }
```

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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