

Converting Colors

XYZ(32.3295, 25.1249, 82.2808)

Have a look what the booklet for
XYZ(32.3295, 25.1249, 82.2808)
contains.

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Color

**XYZ(32.2942, 25.0492,
82.4898)**

Conversions

Conversions Part 1

Format	Color
Hex	8979EC
RGB	137, 121, 236
RGB Percent	54%, 47%, 93%
CMY	0.4627, 0.5255, 0.0745
CMYK	0.42, 0.49, 0.00, 0.07
HSL	248°, 75%, 70%
HSV	248°, 49%, 93%
XYZ	32.2942, 25.0492, 82.4898
YIQ	138.8940, -27.3790, 39.1570

Conversions

Conversions Part 2

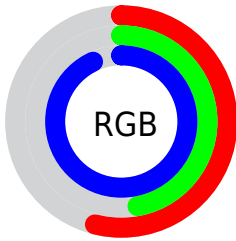
Format	Color
R _Y B	137, 121, 236
Decimal	9009644
CIE Lab	57.12, 33.71, -56.25
CIE LCh	57, 65.578, 300.935
Yxy	25.0492, 0.2309, 0.1791
Android (android.graphics.Color)	4287199724 (0xFF8979EC)
YUV	138.8940, 47.8733, -1.6610
Hunter-Lab	50.0492, 27.5910, -62.6859

Details

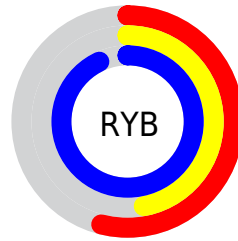
The XYZ color **32.2942, 25.0492, 82.4898** is a light color, and the websafe version is hex **6666CC**. A complement of this color would be **62.9616, 76.5872, 29.5541**, and the grayscale version is **24.3300, 25.5971, 27.8752**.

A 20% lighter version of the original color is **55.6917, 49.0942, 101.1486**, and **13.7623, 9.5949, 43.7745** is the 20% darker color. If you saturate the color by 10%, you get **26.7466, 18.4403, 81.5071**, and if you desaturate by 10%, it is **39.1723, 33.3859, 83.7369**.

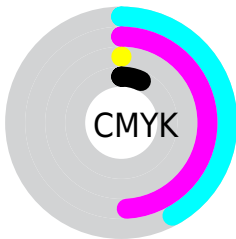
Distribution



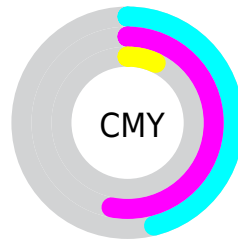
- Red (54%)
- Green (47%)
- Blue (93%)



- Red (54%)
- Yellow (47%)
- Blue (93%)



- Cyan (42%)
- Magenta (49%)
- Yellow (0%)
- Black (7%)



- Cyan (46%)
- Magenta (53%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.2942, 25.0492, 82.4898 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 32.2942, 25.0492, 82.4898 by changing the saturation by 10% instead.

■ 32.2942, 25.0492,
82.4898

■ 32.2942, 25.0492,
82.4898

304.1788,
278.0829, 523.2110

■ 21.7429, 16.1137,
61.2312

■ 62.6341, 51.7370,
138.7035

■ 13.7837, 9.6047,
43.9800

■ 83.1535, 70.2582,
174.4956

■ 8.0511, 5.1376,
30.3177

■ 107.7262, 92.7433,
215.9694

■ 4.1797, 2.3282,
19.8258

136.7178,
119.5768, 263.5433

■ 1.8043, 0.7886,
12.0856

170.4935,
151.1432, 317.6358

■ 0.5203, 0.0000,
6.6788

209.4186,

■ 0.0000, 0.0000,

187.8267, 378.6656

3.1867

253.8586,
230.0118, 447.0511

■ 0.0000, 0.0000,
1.1907

■ 0.0000, 0.0000,
0.0000

■ 32.2942, 25.0492,
82.4898

■ 32.2942, 25.0492,
82.4898

■ 26.7466, 18.4403,
81.5071

■ 39.1723, 33.3859,
83.7369

■ 22.4391, 13.4343,
80.7678

■ 47.4571, 43.5581,
85.2637

■ 19.2746, 9.8934,
80.2512

■ 57.2228, 55.6678,
87.0864

■ 17.1397, 7.6552,
79.9317

■ 68.5372, 69.8089,
89.2196

■ 15.8806, 6.4861,
79.7724

■ 81.4640, 86.0689,
91.6768

■ 15.7625, 6.3769,
79.7575

■ 92.1404, 98.8362,
93.5784

Harmonies

Analogous

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



24.0519, 25.0492, 95.7972



32.2942, 25.0492, 82.4898



39.3033, 25.0492, 53.6144

Triad

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



32.2942, 25.0492, 82.4898



31.7821, 25.0492, 4.4237



11.8265, 25.0492, 27.9749

Complementary

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



32.2942, 25.0492, 82.4898



62.9616, 76.5872, 29.5541

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.



13.0382, 25.0492, 11.3831



32.2942, 25.0492, 82.4898



23.5668, 25.0492, 3.0148

Square

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



32.2942, 25.0492, 82.4898



38.9655, 25.0492, 10.7243



16.9570, 25.0492, 4.6336



13.2012, 25.0492, 55.5248

Rectangle

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



32.2942, 25.0492, 82.4898



41.7054, 25.0492, 34.5442



16.9570, 25.0492, 4.6336



11.9420, 25.0492, 21.1035

Sweetspot

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



32.2952, 25.0501, 82.4904



72.9449, 72.2580, 104.7103



48.7946, 61.6587, 88.6870



15.0225, 14.7292, 22.3012



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.



32.2952, 25.0501, 82.4904



32.1723, 22.3207, 97.2204



44.1837, 31.1788, 83.0468



14.4261, 14.6494, 18.9895



8.7513, 3.5474, 43.9664



0.7486, 0.3102, 3.4553

Inverse Universe

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



54.3479, 36.6754, 71.9235



61.4197, 37.7609, 82.2094



48.5856, 69.1761, 28.8813



15.6194, 15.2756, 18.5471



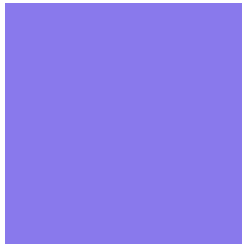
25.0564, 12.2252, 32.4278



1.9924, 0.9699, 2.6771

Previews

White Background



This preview shows how the XYZ color 32.2942, 25.0492, 82.4898 looks on a white background.

Color Contrast Check

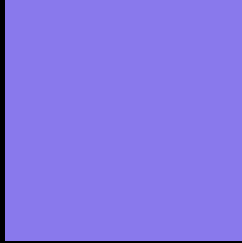
Large Text (above 18pt) WCAG AA ✓ Pass

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 32.2942, 25.0492, 82.4898 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

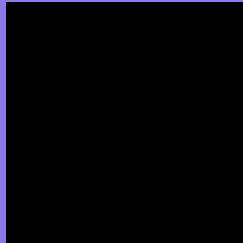
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 32.2942, 25.0492, 82.4898

Background



This preview shows how black text looks on a background with the XYZ color 32.2942, 25.0492, 82.4898.



This preview shows how white text looks on a background with the XYZ color 32.2942, 25.0492,

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

32.2942, 25.0492, 82.4898

Protanopia

28.7241, 25.3017, 92.1767

Deuteranopia

26.0379, 25.2321, 79.8419



Tritanopia

22.3948, 25.0298, 33.3567

Trichromacy



Original Color

32.2942, 25.0492, 82.4898

Protanomaly

29.5462, 24.9989, 88.8560

Deuteranomaly

27.4734, 24.7129, 80.4128

Tritanomaly

25.3845, 24.7542, 48.2399

Monochromacy



Original Color

32.2942, 25.0492, 82.4898

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

26.3725, 24.9618, 43.4725

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.2942, 25.0492, 82.4898 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(137, 121, 236)` looks like.

```
.text, #text, p{  
    color:rgb(137, 121, 236)  
}
```

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(137, 121, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 121, 236) }
```

Border

The CSS property to change the border of an element to XYZ 32.2942, 25.0492, 82.4898 is called "border". The border property can be set on classes, ids or directly on the HTML element.

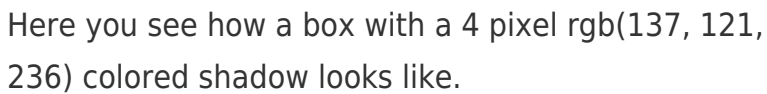
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(137, 121, 236) }
```


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

```
.border{ border-color:rgb(137, 121, 236) }
```

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



Here you see how a box with a 4 pixel `rgb(137, 121, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(137, 121, 236); -webkit-box-shadow:4px 4px 4px 4px rgb(137, 121, 236); box-shadow:4px 4px 4px 4px rgb(137, 121, 236) }
```

Background

The CSS property to change the background color of an element to XYZ 32.2942, 25.0492, 82.4898 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 121, 236) }
```

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

```
.background{ background-color: rgb(137,  
121, 236) }
```

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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