

Converting Colors

XYZ(32.2330, 26.9887, 66.1261)

Have a look what the booklet for
XYZ(32.2330, 26.9887, 66.1261)
contains.

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Color

**XYZ(32.2607, 27.1083,
65.8195)**

Conversions

Conversions Part 1

Format	Color
Hex	9582D4
RGB	149, 130, 212
RGB Percent	58%, 51%, 83%
CMY	0.4157, 0.4902, 0.1686
CMYK	0.30, 0.39, 0.00, 0.17
HSL	254°, 49%, 67%
HSV	254°, 39%, 83%
XYZ	32.2607, 27.1083, 65.8195
YIQ	145.0290, -14.9980, 29.5300

Conversions

Conversions Part 2

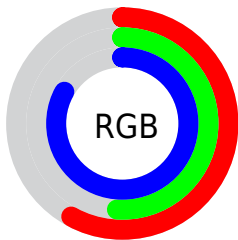
Format	Color
R_{YB}	149, 130, 212
Decimal	9798356
CIE _{Lab}	59.07, 25.18, -39.67
CIE _{LCh}	59, 46.986, 302.407
Yxy	27.1083, 0.2577, 0.2165
Android (android.graphics.Color)	4287988436 (0xFF9582D4)
YUV	145.0290, 33.0167, 3.4826
Hunter-Lab	52.0656, 19.4866, -38.5063

Details

The XYZ color **32.2607, 27.1083, 65.8195** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **49.5657, 60.0367, 30.0960**, and the grayscale version is **26.8007, 28.1965, 30.7060**.

A 20% lighter version of the original color is **60.1603, 54.0661, 101.8728**, and **13.7783, 10.6584, 33.2294** is the 20% darker color. If you saturate the color by 10%, you get **26.9593, 20.6121, 64.8455**, and if you desaturate by 10%, it is **38.5606, 34.9826, 67.0078**.

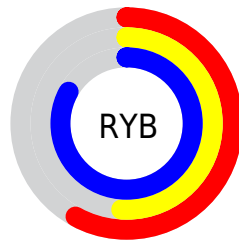
Distribution



Red (58%)

Green (51%)

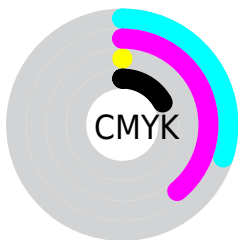
Blue (83%)



Red (58%)

Yellow (51%)

Blue (83%)

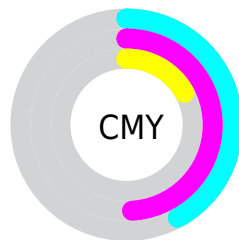


Cyan (30%)

Magenta (39%)

Yellow (0%)

Black (17%)



Cyan (42%)

Magenta (49%)

Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.2607, 27.1083, 65.8195 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 32.2607, 27.1083, 65.8195 by changing the saturation by 10% instead.

■ 32.2607, 27.1083,
65.8195

■ 32.2607, 27.1083,
65.8195

304.0293,
288.1811, 464.1177

■ 21.7172, 17.6546,
47.6703

■ 62.5820, 55.0576,
114.8518

■ 13.7647, 10.7023,
33.2078

■ 83.0905, 74.3220,
146.5719

■ 8.0378, 5.8670,
22.0132

■ 107.6514, 97.6254,
183.6529

■ 4.1712, 2.7644,
13.6682

136.6301,
125.3521, 226.5131

■ 1.7994, 1.0100,
7.7542

170.3919,
157.8867, 275.5711

■ 0.5173, 0.0000,
3.8525

209.3021,

■ 0.0000, 0.0000,

195.6135, 331.2455

1.5448

253.7261,
238.9168, 393.9549

■ 0.0000, 0.0000,
0.2510

■ 0.0000, 0.0000,
0.0000

■ 32.2607, 27.1083,
65.8195

■ 32.2607, 27.1083,
65.8195

■ 26.9593, 20.6121,
64.8455

■ 38.5606, 34.9826,
67.0078

■ 22.6003, 15.4102,
64.0712

■ 45.9051, 44.3060,
68.4203

■ 19.1265, 11.4144,
63.4830

■ 54.3407, 55.1482,
70.0685

■ 16.4728, 8.5237,
63.0649

■ 63.9106, 67.5735,
71.9624

■ 14.5640, 6.6202,
62.7981

■ 74.6552, 81.6425,
74.1117

■ 13.2934, 5.5253,
62.6537

■ 85.9062, 95.9985,
76.2897

■ 13.1563, 5.4095,
62.6386

■ 88.8838, 97.5335,
76.4291

Harmonies

Analogous

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



26.2398, 27.1083, 74.6860



32.2607, 27.1083, 65.8195



37.0473, 27.1083, 47.0482

Triad

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



32.2607, 27.1083, 65.8195



31.3217, 27.1083, 9.2112



16.1002, 27.1083, 30.8868

Complementary

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



32.2607, 27.1083, 65.8195



49.5657, 60.0367, 30.0960

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.



17.0439, 27.1083, 16.9910



32.2607, 27.1083, 65.8195



25.2972, 27.1083, 7.6409

Square

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



32.2607, 27.1083, 65.8195



36.4501, 27.1083, 15.4240



20.2067, 27.1083, 9.8462



17.4042, 27.1083, 50.3110

Rectangle

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



32.2607, 27.1083, 65.8195



38.5685, 27.1083, 33.9707



20.2067, 27.1083, 9.8462



16.1650, 27.1083, 25.4694

Sweetspot

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



32.2617, 27.1093, 65.8201



77.9268, 77.8172, 105.5208



40.4342, 48.1876, 69.4579



16.3133, 16.1849, 22.5141



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.



32.2617, 27.1093, 65.8201



42.5875, 33.2974, 98.7902



40.7956, 31.5087, 66.2195



12.0092, 12.1462, 15.6490



8.1955, 3.3775, 38.6731



0.5682, 0.2418, 2.3360

Inverse Universe

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



44.7604, 33.8135, 54.6202



64.2642, 44.9425, 78.5558



40.7545, 55.4944, 29.6836



12.8242, 12.5812, 15.0145



20.8765, 10.2869, 22.4513



1.2898, 0.6327, 1.5155

Previews

White Background



This preview shows how the XYZ color 32.2607, 27.1083, 65.8195 looks on a white background.

Color Contrast Check

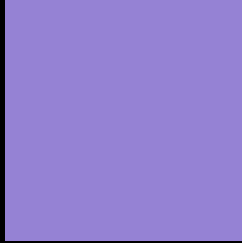
Large Text (above 18pt) WCAG AA ✓ Pass

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 32.2607, 27.1083, 65.8195 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 32.2607, 27.1083, 65.8195

Background



This preview shows how black text looks on a background with the XYZ color 32.2607, 27.1083, 65.8195.



This preview shows how white text looks on a background with the XYZ color 32.2607, 27.1083,

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

32.2607, 27.1083, 65.8195

Protanopia

29.1064, 27.4342, 71.4714

Deuteranopia

27.9678, 27.2136, 64.7515



Tritanopia

25.8223, 26.9975, 34.4219

Trichromacy



Original Color

32.2607, 27.1083, 65.8195

Protanomaly

29.9327, 27.0537, 69.2899

Deuteranomaly

29.3077, 27.0301, 65.3007

Tritanomaly

27.8108, 26.9348, 44.2906

Monochromacy



Original Color

32.2607, 27.1083, 65.8195

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

28.3936, 27.7317, 41.3924

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.2607, 27.1083, 65.8195 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, 130, 212)` looks like.

```
.text, #text, p{  
    color:rgb(149, 130, 212)  
}
```

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, 130, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 130, 212) }
```

Border

The CSS property to change the border of an element to XYZ 32.2607, 27.1083, 65.8195 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, 130, 212) }
```


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

```
.border{ border-color:rgb(149, 130, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 130, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 130, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 130, 212);  
box-shadow:4px 4px 4px 4px rgb(149, 130,  
212) }
```

Background

The CSS property to change the background color of an element to XYZ 32.2607, 27.1083, 65.8195 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 130, 212) }
```

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

```
.background{ background-color: rgb(149,  
130, 212) }
```

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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