

Converting Colors

XYZ(32.3182, 30.7025, 69.8685)

Have a look what the booklet for
XYZ(32.3182, 30.7025, 69.8685)
contains.

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Color

**XYZ(32.3182, 30.7025,
69.8685)**

Conversions

Conversions Part 1

Format	Color
Hex	8393D9
RGB	131, 147, 217
RGB Percent	51%, 58%, 85%
CMY	0.4863, 0.4235, 0.1490
CMYK	0.40, 0.32, 0.00, 0.15
HSL	229°, 53%, 68%
HSV	229°, 40%, 85%
XYZ	32.3182, 30.7025, 69.8685
YIQ	150.1960, -32.0060, 18.3780

Conversions

Conversions Part 2

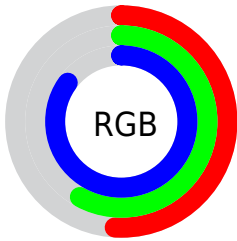
Format	Color
RYB	131, 144, 217
Decimal	8623065
CIELab	62.26, 11.68, -37.58
CIElCh	62, 39.354, 287.258
Yxy	30.7025, 0.2432, 0.2310
Android (android.graphics.Color)	4286813145 (0xFF8393D9)
YUV	150.1960, 32.9344, -16.8349
Hunter-Lab	55.4098, 7.1442, -35.9743

Details

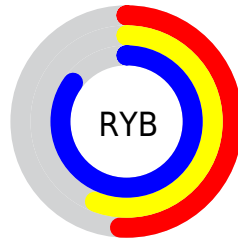
The XYZ color **32.3182, 30.7025, 69.8685** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **53.5997, 58.1650, 29.8761**, and the grayscale version is **28.9478, 30.4554, 33.1659**.

A 20% lighter version of the original color is **59.4302, 59.5581, 102.9713**, and **13.8568, 12.7358, 35.9103** is the 20% darker color. If you saturate the color by 10%, you get **26.7637, 24.0704, 68.8817**, and if you desaturate by 10%, it is **39.0005, 38.5431, 71.0303**.

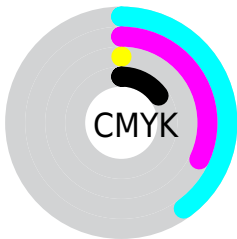
Distribution



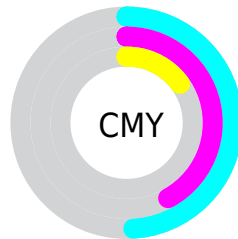
- Red (51%)
- Green (58%)
- Blue (85%)



- Red (51%)
- Yellow (56%)
- Blue (85%)



- Cyan (40%)
- Magenta (32%)
- Yellow (0%)
- Black (15%)



- Cyan (49%)
- Magenta (42%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.3182, 30.7025, 69.8685 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 32.3182, 30.7025, 69.8685 by changing the saturation by 10% instead.

■ 32.3182, 30.7025,
69.8685

■ 32.3182, 30.7025,
69.8685

304.2858,
305.1654, 478.8648

■ 21.7614, 20.3724,
50.9432

■ 62.6714, 60.7714,
120.7006

■ 13.7973, 12.6660,
35.7870

■ 83.1985, 81.2790,
153.4444

■ 8.0606, 7.1990,
23.9813

■ 107.7798,
105.9478, 191.6315

■ 4.1859, 3.5869,
15.1077

136.7806,
135.1624, 235.6804

■ 1.8078, 1.4453,
8.7475

170.5662,
169.3070, 286.0096

■ 0.5224, 0.2497,
4.4823

209.5021,

■ 0.0000, 0.0000,

208.7662, 343.0378

1.8935

253.9535,
253.9241, 407.1833

■ 0.0000, 0.0000,
0.4886

■ 0.0000, 0.0000,
0.0000

■ 32.3182, 30.7025,
69.8685

■ 32.3182, 30.7025,
69.8685

■ 26.7637, 24.0704,
68.8817

■ 39.0005, 38.5431,
71.0303

■ 22.2701, 18.5823,
68.0592

■ 46.8656, 47.6456,
72.3727

■ 18.7687, 14.1725,
67.3926

■ 55.9689, 58.0643,
73.9039

■ 16.1806, 10.7671,
66.8717

■ 66.3614, 69.8490,
75.6308

■ 14.4145, 8.2820,
66.4851

■ 78.0910, 83.0472,
77.5601

■ 13.3283, 6.6025,
66.2182

■ 88.8837, 96.5083,
79.5895

■ 13.2958, 6.5525,
66.2102

■ 89.5245, 97.7898,
79.8031

Harmonies

Analogous

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



26.9865, 30.7025, 70.8484



32.3182, 30.7025, 69.8685



37.3443, 30.7025, 57.4725

Triad

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



32.3182, 30.7025, 69.8685



36.6774, 30.7025, 16.2199



20.3100, 30.7025, 27.3842

Complementary

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



32.3182, 30.7025, 69.8685



53.5997, 58.1650, 29.8761

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.



22.3048, 30.7025, 17.2474



32.3182, 30.7025, 69.8685



31.4930, 30.7025, 12.2454

Square

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



32.3182, 30.7025, 69.8685



40.0631, 30.7025, 25.4806



26.2552, 30.7025, 12.5534



20.4741, 30.7025, 42.8810

Rectangle

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



32.3182, 30.7025, 69.8685



39.6517, 30.7025, 46.0610



26.2552, 30.7025, 12.5534



20.7391, 30.7025, 23.3488

Sweetspot

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



32.3193, 30.7036, 69.8692



77.2372, 79.7766, 105.9353



44.5759, 58.6126, 63.4860



16.1523, 16.6417, 22.6108



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.



32.3193, 30.7036, 69.8692



39.4430, 35.7404, 99.4275



34.5075, 28.3917, 69.3077



12.5337, 13.0071, 16.5022



8.1051, 4.0797, 40.0987



0.5839, 0.3818, 2.6174

Inverse Universe

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



41.9990, 33.0922, 31.7787



55.5205, 40.3048, 36.0273



50.4467, 62.3675, 30.8534



13.1545, 13.0909, 14.0748



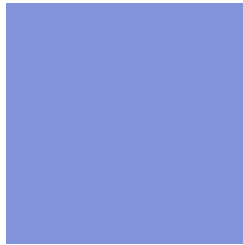
17.5864, 9.0356, 2.2022



1.1690, 0.5972, 0.2989

Previews

White Background



This preview shows how the XYZ color 32.3182, 30.7025, 69.8685 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 32.3182, 30.7025, 69.8685 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

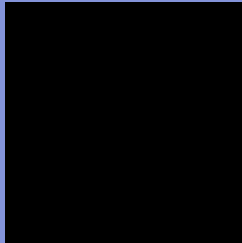
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 32.3182, 30.7025, 69.8685

Background



This preview shows how black text looks on a background with the XYZ color 32.3182, 30.7025, 69.8685.



This preview shows how white text looks on a background with the XYZ color 32.3182, 30.7025,

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

32.3182, 30.7025, 69.8685

Protanopia

31.9972, 30.7538, 70.5793

Deuteranopia

31.5840, 30.7897, 69.9240



Tritanopia

26.6576, 30.5634, 42.0304

Trichromacy



Original Color

32.3182, 30.7025, 69.8685

Protanomaly

32.1469, 30.8310, 70.5863

Deuteranomaly

31.8667, 30.7016, 69.8921

Tritanomaly

28.4225, 30.5386, 50.8509

Monochromacy



Original Color

32.3182, 30.7025, 69.8685

Achromatopsia

28.9890, 30.4987, 33.2131

Achromatomaly

29.7151, 30.3905, 44.3442

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.3182, 30.7025, 69.8685 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(131, 147, 217)` looks like.

```
.text, #text, p{  
    color:rgb(131, 147, 217)  
}
```

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(131, 147, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 147, 217) }
```

Border

The CSS property to change the border of an element to XYZ 32.3182, 30.7025, 69.8685 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(131, 147, 217) }
```


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

```
.border{ border-color:rgb(131, 147, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 147, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 147, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 147, 217);  
box-shadow:4px 4px 4px 4px rgb(131, 147,  
217) }
```

Background

The CSS property to change the background color of an element to XYZ 32.3182, 30.7025, 69.8685 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 147, 217) }
```

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

```
.background{ background-color: rgb(131,  
147, 217) }
```

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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