

Converting Colors

XYZ(32.5045, 30.2974, 41.3789)

Have a look what the booklet for
XYZ(32.5045, 30.2974, 41.3789)
contains.

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Color

**XYZ(32.4668, 30.2801,
41.1793)**

Conversions

Conversions Part 1

Format	Color
Hex	A68EA8
RGB	166, 142, 168
RGB Percent	65%, 56%, 66%
CMY	0.3490, 0.4431, 0.3412
CMYK	0.01, 0.15, 0.00, 0.34
HSL	295°, 13%, 61%
HSV	295°, 15%, 66%
XYZ	32.4668, 30.2801, 41.1793
YIQ	152.1400, 5.9580, 13.1740

Conversions

Conversions Part 2

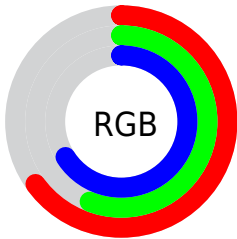
Format	Color
R _Y B	166, 142, 168
Decimal	10915496
CIE Lab	61.90, 13.76, -10.33
CIE LCh	62, 17.210, 323.106
Yxy	30.2801, 0.3124, 0.2914
Android (android.graphics.Color)	4289105576 (0xFFA68EA8)
YUV	152.1400, 7.8190, 12.1552
Hunter-Lab	55.0274, 9.0193, -5.8501

Details

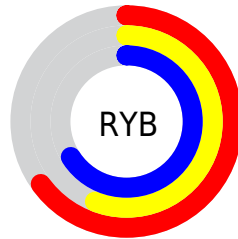
The XYZ color **32.4668, 30.2801, 41.1793** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **30.3877, 35.8883, 30.9181**, and the grayscale version is **29.8717, 31.4273, 34.2244**.

A 20% lighter version of the original color is **62.8780, 60.1797, 78.1139**, and **13.9190, 12.4927, 18.2007** is the 20% darker color. If you saturate the color by 10%, you get **29.8840, 25.5142, 40.3960**, and if you desaturate by 10%, it is **35.4308, 35.8035, 42.0897**.

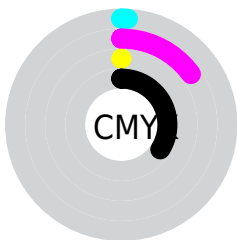
Distribution



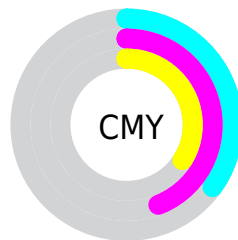
- Red (65%)
- Green (56%)
- Blue (66%)



- Red (65%)
- Yellow (56%)
- Blue (66%)



- Cyan (1%)
- Magenta (15%)
- Yellow (0%)
- Black (34%)



- Cyan (35%)
- Magenta (44%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.4668, 30.2801, 41.1793 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 32.4668, 30.2801, 41.1793 by changing the saturation by 10% instead.

■ 32.4668, 30.2801,
41.1793

■ 32.4668, 30.2801,
41.1793

304.9479,
303.2079, 366.7682

■ 21.8756, 20.0513,
28.1385

■ 62.9024, 60.1049,
78.2126

■ 13.8816, 12.4323,
18.1901

■ 83.4776, 80.4696,
103.0422

■ 8.1195, 7.0388,
10.9157

■ 108.1114,
104.9818, 132.6384

■ 4.2240, 3.4864,
5.8967

137.1692,
134.0258, 167.4198

■ 1.8296, 1.3906,
2.7146

171.0164,
167.9860, 207.8050

■ 0.5354, 0.2098,
0.9508

210.0183,

■ 0.0000, 0.0000,

207.2468, 254.2124

0.0000

254.5404,
252.1926, 307.0606

■ 32.4668, 30.2801,
41.1793

■ 32.4668, 30.2801,
41.1793

■ 29.8840, 25.5142,
40.3960

■ 35.4308, 35.8035,
42.0897

■ 27.6630, 21.4682,
39.7321

■ 38.7892, 42.1120,
43.1303

■ 25.7865, 18.1074,
39.1823

■ 42.5576, 49.2365,
44.3069

■ 24.2350, 15.3924,
38.7400

■ 46.7502, 57.2053,
45.6240

■ 22.9867, 13.2799,
38.3980

■ 51.3804, 66.0452,
47.0863

■ 22.0174, 11.7215,
38.1483

■ 56.4609, 75.7817,
48.6978

■ 21.2991, 10.6609,
37.9815

■ 60.5176, 83.4665,
49.9673

■ 20.7959, 10.0267,
37.8856

■ 60.8092, 83.6168,
49.9810

■ 20.6008, 9.8036,
37.8528

■ 61.1035, 83.7686,
49.9948

Harmonies

Analogous

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



30.5523, 30.2801, 46.0558



32.4668, 30.2801, 41.1793



33.4013, 30.2801, 34.5147

Triad

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



32.4668, 30.2801, 41.1793



29.3148, 30.2801, 21.9197



24.8986, 30.2801, 38.1982

Complementary

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



32.4668, 30.2801, 41.1793



30.3877, 35.8883, 30.9181

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.



24.6065, 30.2801, 31.4718



32.4668, 30.2801, 41.1793



27.0782, 30.2801, 22.6320

Square

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



32.4668, 30.2801, 41.1793



31.5198, 30.2801, 23.8366



25.3840, 30.2801, 25.9312



26.2044, 30.2801, 44.1808

Rectangle

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



32.4668, 30.2801, 41.1793



33.3094, 30.2801, 30.1785



25.3840, 30.2801, 25.9312



24.6816, 30.2801, 35.9283

Sweetspot

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



32.4677, 30.2814, 41.1800



64.5136, 65.3815, 76.4448



28.2230, 28.5764, 41.0746



13.9772, 14.0932, 16.6357



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



32.4677, 30.2814, 41.1800



57.0202, 51.4387, 74.1485



31.9224, 30.1121, 36.1036



7.7841, 7.6368, 9.4821



15.5761, 7.4132, 28.5854



0.3951, 0.1887, 0.6962

Inverse Universe

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



30.8565, 29.6857, 30.4904



53.4751, 50.1311, 50.4867



30.8950, 36.0512, 35.3962



7.5537, 7.5513, 7.9668



12.2573, 6.3116, 0.9004



0.3053, 0.1564, 0.0592

Previews

White Background



This preview shows how the XYZ color 32.4668, 30.2801, 41.1793 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 32.4668, 30.2801, 41.1793 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 32.4668, 30.2801, 41.1793

Background



This preview shows how black text looks on a background with the XYZ color 32.4668, 30.2801, 41.1793.



This preview shows how white text looks on a background with the XYZ color 32.4668, 30.2801,

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

32.4668, 30.2801, 41.1793

Protanopia

29.8904, 30.2694, 43.2969

Deuteranopia

30.9642, 30.4157, 40.7980



Tritanopia

31.1995, 30.2056, 35.1962

Trichromacy



Original Color

32.4668, 30.2801, 41.1793

Protanomaly

30.7664, 30.2703, 42.7493

Deuteranomaly

31.5977, 30.5144, 40.7837

Tritanomaly

31.6847, 30.1823, 37.4135

Monochromacy



Original Color

32.4668, 30.2801, 41.1793

Achromatopsia

29.8446, 31.3989, 34.1934

Achromatomaly

30.6661, 30.8165, 36.6797

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.4668, 30.2801, 41.1793 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(166, 142, 168)` looks like.

```
.text, #text, p{  
    color:rgb(166, 142, 168)  
}
```

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(166, 142, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 142, 168) }
```

Border

The CSS property to change the border of an element to XYZ 32.4668, 30.2801, 41.1793 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(166, 142, 168) }
```


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

```
.border{ border-color:rgb(166, 142, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 142, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 142, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 142, 168);  
box-shadow:4px 4px 4px 4px rgb(166, 142,  
168) }
```

Background

The CSS property to change the background color of an element to XYZ 32.4668, 30.2801, 41.1793 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 142, 168) }
```

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

```
.background{ background-color: rgb(166,  
142, 168) }
```

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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