

Converting Colors

XYZ(32.6076, 24.8402, 56.4819)

Have a look what the booklet for
XYZ(32.6076, 24.8402, 56.4819)
contains.

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Color

**XYZ(32.5869, 24.8928,
56.5134)**

Conversions

Conversions Part 1

Format	Color
Hex	A874C6
RGB	168, 116, 198
RGB Percent	66%, 45%, 78%
CMY	0.3412, 0.5451, 0.2235
CMYK	0.15, 0.41, 0.00, 0.22
HSL	278°, 42%, 62%
HSV	278°, 41%, 78%
XYZ	32.5869, 24.8928, 56.5134
YIQ	140.8960, 4.6700, 36.5260

Conversions

Conversions Part 2

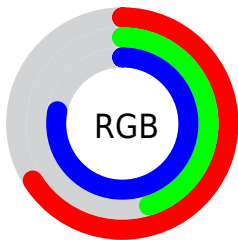
Format	Color
R _Y B	168, 116, 198
Decimal	11039942
CIE Lab	56.97, 35.42, -34.92
CIE LCh	57, 49.737, 315.409
Yxy	24.8928, 0.2859, 0.2184
Android (android.graphics.Color)	4289230022 (0xFFA874C6)
YUV	140.8960, 28.1523, 23.7702
Hunter-Lab	49.8927, 29.2733, -32.2329

Details

The XYZ color **32.5869, 24.8928, 56.5134** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **35.2012, 47.7607, 23.8874**, and the grayscale version is **25.1694, 26.4802, 28.8369**.

A 20% lighter version of the original color is **62.9784, 51.4432, 101.2180**, and **13.9217, 9.4875, 27.4831** is the 20% darker color. If you saturate the color by 10%, you get **29.0438, 20.0321, 55.7623**, and if you desaturate by 10%, it is **36.7040, 30.7726, 57.4317**.

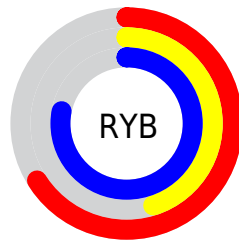
Distribution



Red (66%)

Green (45%)

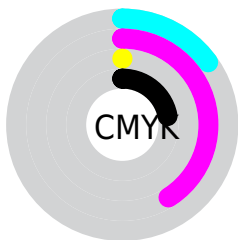
Blue (78%)



Red (66%)

Yellow (45%)

Blue (78%)

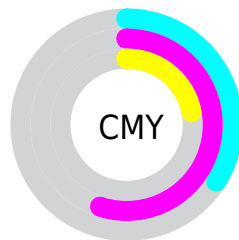


Cyan (15%)

Magenta (41%)

Yellow (0%)

Black (22%)



Cyan (34%)

Magenta (55%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.5869, 24.8928, 56.5134 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 32.5869, 24.8928, 56.5134 by changing the saturation by 10% instead.

■ 32.5869, 24.8928,
56.5134

■ 32.5869, 24.8928,
56.5134

305.4822,
277.3037, 429.0660

■ 21.9679, 15.9972,
40.2079

■ 63.0890, 51.4833,
101.2481

■ 13.9498, 9.5222,
27.3857

■ 83.7029, 69.9469,
130.5144

■ 8.1672, 5.0833,
17.6281

■ 108.3791, 92.3687,
164.9381

■ 4.2548, 2.2962,
10.5166

137.4829,
119.1331, 204.9377

■ 1.8473, 0.7717,
5.6328

171.3798,
150.6243, 250.9318

■ 0.5459, 0.0000,
2.5579

210.4350,

■ 0.0000, 0.0000,

187.2269, 303.3388

0.8706

255.0141,
229.3252, 362.5774

■ 0.0000, 0.0000,
0.0000

■ 32.5869, 24.8928,
56.5134

■ 32.5869, 24.8928,
56.5134

■ 29.0438, 20.0321,
55.7623

■ 36.7040, 30.7726,
57.4317

■ 26.0396, 16.1243,
55.1664

■ 41.4224, 37.7261,
58.5252

■ 23.5389, 13.1002,
54.7145

■ 46.7704, 45.8073,
59.8032

■ 21.5005, 10.8794,
54.3933

■ 52.7739, 55.0660,
61.2738

■ 19.8754, 9.3663,
54.1868

■ 59.4570, 65.5486,
62.9450

■ 18.7329, 8.4797,
54.0759

■ 66.8427, 77.2992,
64.8238

■ 74.9527, 90.3596,
66.9173

■ 77.3023, 91.7584,
67.0634

■ 79.6216, 92.9540,
67.1719

Harmonies

Analogous

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



26.7693, 24.8928, 71.4043



32.5869, 24.8928, 56.5134



36.2690, 24.8928, 36.0348

Triad

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



32.5869, 24.8928, 56.5134



26.6014, 24.8928, 6.3794



14.4050, 24.8928, 36.5740

Complementary

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



32.5869, 24.8928, 56.5134



35.2012, 47.7607, 23.8874

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.



14.3752, 24.8928, 19.7860



32.5869, 24.8928, 56.5134



20.8010, 24.8928, 6.4248

Square

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



32.5869, 24.8928, 56.5134



32.4467, 24.8928, 10.0522



16.5331, 24.8928, 10.2208



16.6225, 24.8928, 57.0452

Rectangle

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



32.5869, 24.8928, 56.5134



36.6854, 24.8928, 24.1852



16.5331, 24.8928, 10.2208



14.1526, 24.8928, 30.2487

Sweetspot

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



32.5878, 24.8938, 56.5140



82.0539, 79.9448, 105.7139



27.6855, 28.3695, 57.4432



17.2826, 16.6846, 22.5595



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.



32.5878, 24.8938, 56.5140



51.8163, 35.9895, 98.8234



38.5116, 28.0881, 50.4435



10.6923, 10.6152, 13.4029



12.2791, 5.5644, 35.1712



0.6590, 0.3035, 1.6690

Inverse Universe

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



34.7231, 26.5728, 30.4938



56.5483, 39.6299, 44.7878



31.2237, 45.6324, 27.2191



10.7916, 10.7000, 11.8858



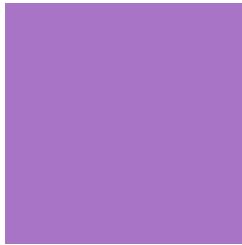
15.9531, 8.1308, 4.9630



0.7902, 0.3989, 0.4182

Previews

White Background



This preview shows how the XYZ color 32.5869, 24.8928, 56.5134 looks on a white background.

Color Contrast Check

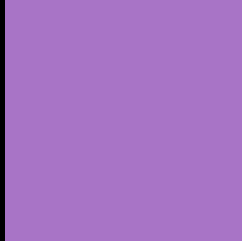
Large Text (above 18pt) WCAG AA ✓ Pass

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 32.5869, 24.8928, 56.5134 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

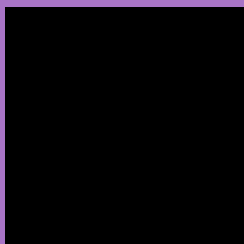
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 32.5869, 24.8928, 56.5134

Background



This preview shows how black text looks on a background with the XYZ color 32.5869, 24.8928, 56.5134.



This preview shows how white text looks on a background with the XYZ color 32.5869, 24.8928,

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

32.5869, 24.8928, 56.5134

Protanopia

26.7197, 25.0424, 66.3762

Deuteranopia

25.7442, 25.2164, 54.5493



Tritanopia

26.8085, 24.9355, 27.8262

Trichromacy



Original Color

32.5869, 24.8928, 56.5134

Protanomaly

28.1805, 24.4786, 62.9141

Deuteranomaly

27.6923, 24.7915, 54.9555

Tritanomaly

28.4531, 24.6348, 36.5130

Monochromacy



Original Color

32.5869, 24.8928, 56.5134

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

27.5353, 25.6905, 37.6899

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.5869, 24.8928, 56.5134 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(168, 116, 198)` looks like.

```
.text, #text, p{  
    color:rgb(168, 116, 198)  
}
```

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(168, 116, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 116, 198) }
```

Border

The CSS property to change the border of an element to XYZ 32.5869, 24.8928, 56.5134 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(168, 116, 198) }
```


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

```
.border{ border-color:rgb(168, 116, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 116, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 116, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 116, 198);  
box-shadow:4px 4px 4px 4px rgb(168, 116,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 32.5869, 24.8928, 56.5134 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 116, 198) }
```

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

```
.background{ background-color: rgb(168,  
116, 198) }
```

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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