

Converting Colors

XYZ(32.5423, 30.2867, 42.6608)

Have a look what the booklet for
XYZ(32.5423, 30.2867, 42.6608)
contains.

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Color

**XYZ(32.5407, 30.2856,
42.6587)**

Conversions

Conversions Part 1

Format	Color
Hex	A58EAB
RGB	165, 142, 171
RGB Percent	65%, 56%, 67%
CMY	0.3529, 0.4431, 0.3294
CMYK	0.04, 0.17, 0.00, 0.33
HSL	288°, 15%, 61%
HSV	288°, 17%, 67%
XYZ	32.5407, 30.2856, 42.6587
YIQ	152.1830, 4.3990, 13.8950

Conversions

Conversions Part 2

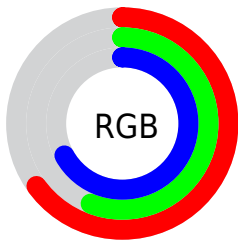
Format	Color
R_{YB}	165, 142, 171
Decimal	10849963
CIE _{Lab}	61.90, 14.01, -12.04
CIE _{LCh}	62, 18.468, 319.332
Yxy	30.2856, 0.3085, 0.2871
Android (android.graphics.Color)	4289040043 (0xFFA58EAB)
YUV	152.1830, 9.2768, 11.2405
Hunter-Lab	55.0324, 9.2407, -7.4364

Details

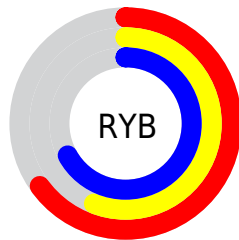
The XYZ color **32.5407, 30.2856, 42.6587** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **31.6593, 37.3755, 31.1383**, and the grayscale version is **29.8846, 31.4410, 34.2392**.

A 20% lighter version of the original color is **62.9826, 60.1865, 80.2491**, and **13.9670, 12.4969, 19.1288** is the 20% darker color. If you saturate the color by 10%, you get **29.4636, 25.2084, 41.8413**, and if you desaturate by 10%, it is **36.0303, 36.1565, 43.6084**.

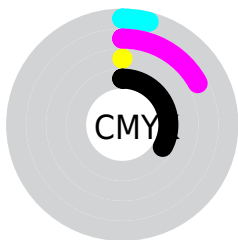
Distribution



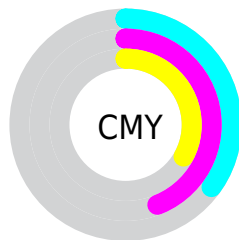
- Red (65%)
- Green (56%)
- Blue (67%)



- Red (65%)
- Yellow (56%)
- Blue (67%)



- Cyan (4%)
- Magenta (17%)
- Yellow (0%)
- Black (33%)




- Cyan (35%)
- Magenta (44%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.5407, 30.2856, 42.6587 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 32.5407, 30.2856, 42.6587 by changing the saturation by 10% instead.


 32.5407, 30.2856,
42.6587


 32.5407, 30.2856,
42.6587


305.2767,
303.2334, 373.0862


 21.9324, 20.0555,
29.2880


 63.0173, 60.1135,
80.4764

 13.9235, 12.4354,
19.0513


 83.6162, 80.4801,
105.7605

 8.1489, 7.0409,
11.5302


 108.2761,
104.9944, 135.8528

 4.2429, 3.4877,
6.3060

137.3622,
134.0406, 171.1718

 1.8405, 1.3913,
2.9603

171.2400,
168.0032, 212.1361

 0.5419, 0.2103,
1.0744

210.2748,

 0.0000, 0.0000,

207.2666, 259.1642

0.0000

254.8319,
252.2152, 312.6748

■ 32.5407, 30.2856,
42.6587

■ 32.5407, 30.2856,
42.6587

■ 29.4636, 25.2084,
41.8413

■ 36.0303, 36.1565,
43.6084

■ 26.7784, 20.8855,
41.1485

■ 39.9464, 42.8505,
44.6941

■ 24.4667, 17.2799,
40.5743

■ 44.3058, 50.4002,
45.9216

■ 22.5075, 14.3499,
40.1121

■ 49.1233, 58.8354,
47.2958

■ 20.8777, 12.0494,
39.7539

■ 54.4133, 68.1843,
48.8215

■ 19.5514, 10.3267,
39.4913

■ 60.1893, 78.4740,
50.5032

■ 18.4981, 9.1215,
39.3142

■ 64.2882, 85.3777,
51.6197

■ 17.6739, 8.3459,
39.2079

■ 65.1814, 85.8381,
51.6615

■ 17.4423, 8.1427,
39.1809

■ 66.0962, 86.3097,
51.7043

Harmonies

Analogous

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



30.3868, 30.2856, 47.5495



32.5407, 30.2856, 42.6587



33.7101, 30.2856, 35.5586

Triad

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



32.5407, 30.2856, 42.6587



29.6738, 30.2856, 21.3329



24.5322, 30.2856, 37.6873

Complementary

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



32.5407, 30.2856, 42.6587



31.6593, 37.3755, 31.1383

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.



24.3656, 30.2856, 30.5213



32.5407, 30.2856, 42.6587



27.2416, 30.2856, 21.7332

Square

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



32.5407, 30.2856, 42.6587



31.9931, 30.2856, 23.6966



25.3310, 30.2856, 24.8818



25.7999, 30.2856, 44.4074

Rectangle

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



32.5407, 30.2856, 42.6587



33.7315, 30.2856, 30.8188



25.3310, 30.2856, 24.8818



24.3484, 30.2856, 35.2313

Sweetspot

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



32.5416, 30.2869, 42.6594



65.7794, 66.8803, 78.4441



29.1417, 29.9612, 42.7757



14.5665, 14.7401, 17.4651



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



32.5416, 30.2869, 42.6594



56.3266, 50.9969, 75.8765



33.0600, 30.6418, 38.7215



8.1724, 8.0632, 10.0783



13.1931, 6.1612, 29.5384



0.4074, 0.1922, 0.8236

Inverse Universe

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



31.8139, 30.1434, 32.1600



54.8287, 50.7135, 53.7224



31.2418, 37.0864, 34.4588



8.0705, 8.0415, 8.6821



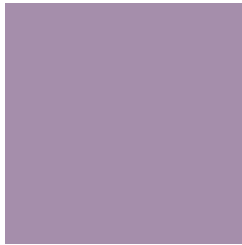
12.9097, 6.6264, 1.9039



0.3782, 0.1920, 0.1535

Previews

White Background



This preview shows how the XYZ color 32.5407, 30.2856, 42.6587 looks on a white background.

Color Contrast Check

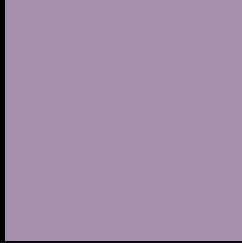
Large Text (above 18pt) WCAG AA × Fail

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 32.5407, 30.2856, 42.6587 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 32.5407, 30.2856, 42.6587

Background



This preview shows how black text looks on a background with the XYZ color 32.5407, 30.2856, 42.6587.



This preview shows how white text looks on a background with the XYZ color 32.5407, 30.2856,

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

32.5407, 30.2856, 42.6587

Protanopia

30.0048, 30.2947, 44.8235

Deuteranopia

30.8610, 30.3301, 42.2579



Tritanopia

31.2304, 30.4376, 35.6815

Trichromacy



Original Color

32.5407, 30.2856, 42.6587

Protanomaly

30.8678, 30.2892, 44.2639

Deuteranomaly

31.4816, 30.4222, 42.2430

Tritanomaly

31.7161, 30.4122, 37.9167

Monochromacy



Original Color

32.5407, 30.2856, 42.6587

Achromatopsia

29.8446, 31.3989, 34.1934

Achromatomaly

30.7525, 30.8511, 37.1349

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.5407, 30.2856, 42.6587 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(165, 142, 171)` looks like.

```
.text, #text, p{  
    color:rgb(165, 142, 171)  
}
```

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(165, 142, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 142, 171) }
```

Border

The CSS property to change the border of an element to XYZ 32.5407, 30.2856, 42.6587 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(165, 142, 171) }
```


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

```
.border{ border-color:rgb(165, 142, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 142, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 142, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 142, 171);  
box-shadow:4px 4px 4px 4px rgb(165, 142,  
171) }
```

Background

The CSS property to change the background color of an element to XYZ 32.5407, 30.2856, 42.6587 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 142, 171) }
```

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

```
.background{ background-color: rgb(165,  
142, 171) }
```

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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