

Converting Colors

XYZ(30.4542, 26.8657, 43.6249)

Have a look what the booklet for
XYZ(30.4542, 26.8657, 43.6249)
contains.

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Color

**XYZ(30.4542, 26.8657,
43.6249)**

Conversions

Conversions Part 1

Format	Color
Hex	A183AE
RGB	161, 131, 174
RGB Percent	63%, 51%, 68%
CMY	0.3686, 0.4863, 0.3176
CMYK	0.07, 0.25, 0.00, 0.32
HSL	282°, 21%, 60%
HSV	282°, 25%, 68%
XYZ	30.4542, 26.8657, 43.6249
YIQ	144.8720, 4.0770, 19.7330

Conversions

Conversions Part 2

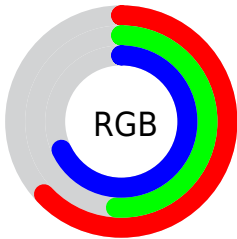
Format	Color
RYB	161, 131, 174
Decimal	10585006
CIELab	58.85, 19.51, -18.39
CIElCh	59, 26.814, 316.697
Yxy	26.8657, 0.3017, 0.2661
Android (android.graphics.Color)	4288775086 (0xFFA183AE)
YUV	144.8720, 14.3601, 14.1443
Hunter-Lab	51.8321, 14.1722, -13.6194

Details

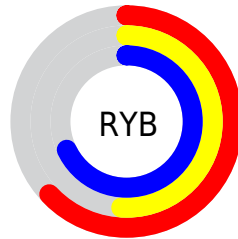
The XYZ color **30.4542, 26.8657, 43.6249** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **30.7354, 37.8408, 27.1582**, and the grayscale version is **26.8048, 28.2008, 30.7107**.

A 20% lighter version of the original color is **59.7423, 54.5931, 82.2517**, and **12.7003, 10.5165, 19.4497** is the 20% darker color. If you saturate the color by 10%, you get **27.2729, 22.0435, 42.8622**, and if you desaturate by 10%, it is **34.0743, 32.4981, 44.5217**.

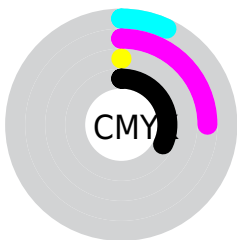
Distribution



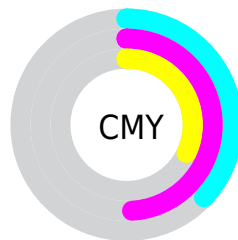
- Red (63%)
- Green (51%)
- Blue (68%)



- Red (63%)
- Yellow (51%)
- Blue (68%)



- Cyan (7%)
- Magenta (25%)
- Yellow (0%)
- Black (32%)



- Cyan (37%)
- Magenta (49%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.4542, 26.8657, 43.6249 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 30.4542, 26.8657, 43.6249 by changing the saturation by 10% instead.

■ 30.4542, 26.8657,
43.6249

■ 30.4542, 26.8657,
43.6249

295.8879,
287.0063, 377.1718

■ 20.3334, 17.4724,
30.0407

■ 59.7614, 54.6683,
81.9495

■ 12.7473, 10.5719,
19.6172

■ 79.6786, 73.8463,
107.5269

■ 7.3305, 5.7797,
11.9358

■ 103.5918, 97.0548,
137.9392

■ 3.7178, 2.7116,
6.5779

131.8666,
124.6780, 173.6048

■ 1.5438, 0.9831,
3.1252

164.8683,
157.1003, 214.9424

■ 0.3553, 0.0000,
1.1589

202.9621,

■ 0.0000, 0.0000,

194.7062, 262.3703

0.0000

246.5135,
237.8801, 316.3073

■ 30.4542, 26.8657,
43.6249

■ 30.4542, 26.8657,
43.6249

■ 27.2729, 22.0435,
42.8622

■ 34.0743, 32.4981,
44.5217

■ 24.5077, 17.9886,
42.2253

■ 38.1493, 38.9740,
45.5569

■ 22.1376, 14.6593,
41.7076

■ 42.6978, 46.3290,
46.7368

■ 20.1386, 12.0086,
41.3013

■ 47.7364, 54.5955,
48.0668

■ 18.4839, 9.9835,
40.9976

■ 53.2808, 63.8043,
49.5521

17.1427, 8.5232,
40.7864

59.3460, 73.9849,
51.1975

16.0776, 7.5540,
40.6555

65.9466, 85.1654,
53.0076

15.5805, 7.1494,
40.6036

68.0524, 87.2848,
53.3057

69.5104, 88.0364,
53.3740

Harmonies

Analogous

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



27.4083, 26.8657, 50.4237



30.4542, 26.8657, 43.6249



32.2456, 26.8657, 33.6517

Triad

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



30.4542, 26.8657, 43.6249



27.0283, 26.8657, 14.8538



19.9093, 26.8657, 34.8098

Complementary

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



30.4542, 26.8657, 43.6249



30.7354, 37.8408, 27.1582

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.



19.8268, 26.8657, 25.2538



30.4542, 26.8657, 43.6249



23.7492, 26.8657, 15.0324

Square

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



30.4542, 26.8657, 43.6249



30.1554, 26.8657, 17.8881



21.1763, 26.8657, 18.4438



21.4125, 26.8657, 44.6291

Rectangle

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



30.4542, 26.8657, 43.6249



32.3946, 26.8657, 27.1770



21.1763, 26.8657, 18.4438



19.7193, 26.8657, 31.4304

Sweetspot

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



30.4550, 26.8668, 43.6255



67.3375, 67.7162, 82.1583



27.0681, 28.0164, 44.0259



14.8688, 14.8948, 18.2356



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



30.4550, 26.8668, 43.6255



51.7883, 43.4673, 78.2974



32.4663, 27.9899, 39.8246



8.0978, 8.0247, 10.0748



11.3627, 5.2175, 29.4527



0.3680, 0.1719, 0.8218

Inverse Universe

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



30.6069, 27.2461, 30.0329



52.2200, 44.3455, 48.6940



29.1488, 36.9588, 29.9801



8.1012, 8.0537, 8.8437



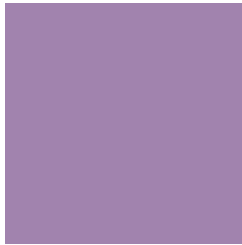
13.1437, 6.7200, 3.1364



0.3902, 0.1968, 0.2167

Previews

White Background



This preview shows how the XYZ color 30.4542, 26.8657, 43.6249 looks on a white background.

Color Contrast Check

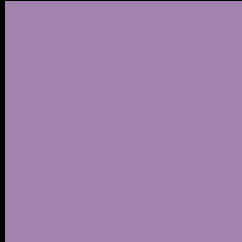
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.4542, 26.8657, 43.6249 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 30.4542, 26.8657, 43.6249

Background



This preview shows how black text looks on a background with the XYZ color 30.4542, 26.8657, 43.6249.



This preview shows how white text looks on a background with the XYZ color 30.4542, 26.8657,

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

30.4542, 26.8657, 43.6249

Protanopia

27.2343, 26.9979, 47.4918

Deuteranopia

27.5907, 27.0578, 43.3037



Tritanopia

27.9752, 26.8830, 31.3182

Trichromacy



Original Color

30.4542, 26.8657, 43.6249

Protanomaly

28.3092, 26.9453, 45.8284

Deuteranomaly

28.5597, 26.9213, 43.2262

Tritanomaly

28.7115, 26.7536, 35.5490

Monochromacy



Original Color

30.4542, 26.8657, 43.6249

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

28.1413, 27.7358, 35.3228

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.4542, 26.8657, 43.6249 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(161, 131, 174)` looks like.

```
.text, #text, p{  
    color:rgb(161, 131, 174)  
}
```

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(161, 131, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 131, 174) }
```

Border

The CSS property to change the border of an element to XYZ 30.4542, 26.8657, 43.6249 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(161, 131, 174) }
```


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

```
.border{ border-color:rgb(161, 131, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 131, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 131, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 131, 174);  
box-shadow:4px 4px 4px 4px rgb(161, 131,  
174) }
```

Background

The CSS property to change the background color of an element to XYZ 30.4542, 26.8657, 43.6249 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 131, 174) }
```

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

```
.background{ background-color: rgb(161,  
131, 174) }
```

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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