

Converting Colors

XYZ(30.4794, 24.3762, 57.0706)

Have a look what the booklet for
XYZ(30.4794, 24.3762, 57.0706)
contains.

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Color

**XYZ(30.4232, 24.2857,
57.1170)**

Conversions

Conversions Part 1

Format	Color
Hex	9B77C7
RGB	155, 119, 199
RGB Percent	61%, 47%, 78%
CMY	0.3921, 0.5333, 0.2196
CMYK	0.22, 0.40, 0.00, 0.22
HSL	267°, 42%, 62%
HSV	267°, 40%, 78%
XYZ	30.4232, 24.2857, 57.1170
YIQ	138.8840, -4.2240, 32.5120

Conversions

Conversions Part 2

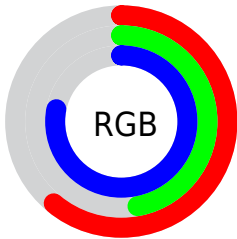
Format	Color
R_{YB}	155, 119, 199
Decimal	10188743
CIE _{Lab}	56.37, 30.07, -36.52
CIE _{LCh}	56, 47.308, 309.473
Yxy	24.2857, 0.2721, 0.2172
Android (android.graphics.Color)	4288378823 (0xFF9B77C7)
YUV	138.8840, 29.6372, 14.1337
Hunter-Lab	49.2805, 23.9556, -34.2218

Details

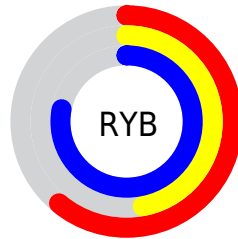
The XYZ color **30.4232, 24.2857, 57.1170** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **38.8580, 49.9658, 25.0500**, and the grayscale version is **24.3875, 25.6576, 27.9411**.

A 20% lighter version of the original color is **59.6665, 50.5739, 101.2247**, and **12.7805, 9.2494, 27.8998** is the 20% darker color. If you saturate the color by 10%, you get **26.2921, 19.0012, 56.3151**, and if you desaturate by 10%, it is **35.2423, 30.6620, 58.0942**.

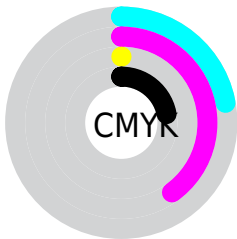
Distribution



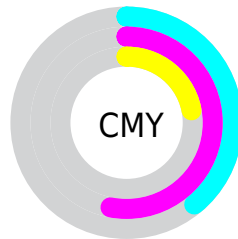
- Red (61%)
- Green (47%)
- Blue (78%)



- Red (61%)
- Yellow (47%)
- Blue (78%)



- Cyan (22%)
- Magenta (40%)
- Yellow (0%)
- Black (22%)



- Cyan (39%)
- Magenta (53%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.4232, 24.2857, 57.1170 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 30.4232, 24.2857, 57.1170 by changing the saturation by 10% instead.

■ 30.4232, 24.2857,
57.1170

■ 30.4232, 24.2857,
57.1170

295.7467,
274.2617, 431.3936

■ 20.3097, 15.5457,
40.6892

■ 59.7128, 50.4960,
102.1379

■ 12.7299, 9.2033,
27.7584

■ 79.6197, 68.7351,
131.5681

■ 7.3186, 4.8740,
17.9062

■ 103.5217, 90.9094,
166.1695

■ 3.7102, 2.1735,
10.7139

131.7843,
117.4032, 206.3607

■ 1.5395, 0.7055,
5.7631

164.7727,
148.6009, 252.5601

■ 0.3525, 0.0000,
2.6351

202.8523,

■ 0.0000, 0.0000,

184.8870, 305.1864

0.9105

246.3885,
226.6458, 364.6580

■ 0.0000, 0.0000,
0.0000

■ 30.4232, 24.2857,
57.1170

■ 30.4232, 24.2857,
57.1170

■ 26.2921, 19.0012,
56.3151

■ 35.2423, 30.6620,
58.0942

■ 22.8102, 14.7405,
55.6763

■ 40.7801, 38.1866,
59.2547

■ 19.9382, 11.4325,
55.1891

■ 47.0685, 46.9155,
60.6081

■ 17.6313, 8.9951,
54.8402

■ 54.1365, 56.9003,
62.1628

■ 15.8367, 7.3317,
54.6138

■ 62.0116, 68.1893,
63.9268

■ 14.4818, 6.2748,
54.4812

■ 70.7199, 80.8284,
65.9074

■ 79.2233, 92.7353,
67.7575

■ 82.8800, 94.6204,
67.9286

■ 86.7616, 96.6214,
68.1103

Harmonies

Analogous

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



24.8547, 24.2857, 68.5859



30.4232, 24.2857, 57.1170



34.3807, 24.2857, 38.4534

Triad

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



30.4232, 24.2857, 57.1170



26.9646, 24.2857, 7.0937



14.1965, 24.2857, 31.7082

Complementary

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



30.4232, 24.2857, 57.1170



38.8580, 49.9658, 25.0500

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.



14.5786, 24.2857, 17.2367



30.4232, 24.2857, 57.1170



21.3972, 24.2857, 6.4880

Square

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



30.4232, 24.2857, 57.1170



32.1754, 24.2857, 11.5612



17.0297, 24.2857, 9.3582



15.8882, 24.2857, 50.5412

Rectangle

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



30.4232, 24.2857, 57.1170



35.2571, 24.2857, 26.7207



17.0297, 24.2857, 9.3582



14.0935, 24.2857, 26.1672

Sweetspot

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



30.4241, 24.2867, 57.1176



80.1304, 78.9532, 105.6239



31.0145, 34.2407, 59.0078



16.8299, 16.4512, 22.5383



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.



30.4241, 24.2867, 57.1176



47.0433, 34.5366, 98.7945



39.4119, 28.9201, 57.5382



10.5023, 10.5172, 13.3940



9.4100, 4.0853, 35.0369



0.5287, 0.2363, 1.6629

Inverse Universe

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



36.7615, 27.9809, 38.1142



59.9888, 42.0921, 59.5570



31.9223, 46.3903, 24.7254



10.8739, 10.7329, 12.3190



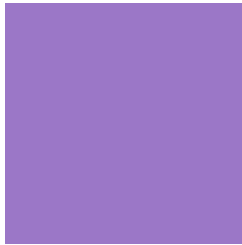
16.9805, 8.5417, 10.3729



0.8402, 0.4189, 0.6815

Previews

White Background



This preview shows how the XYZ color 30.4232, 24.2857, 57.1170 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 30.4232, 24.2857, 57.1170 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

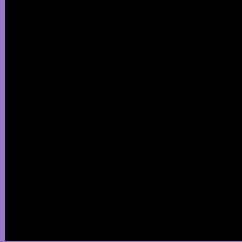
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 30.4232, 24.2857, 57.1170

Background



This preview shows how black text looks on a background with the XYZ color 30.4232, 24.2857, 57.1170.



This preview shows how white text looks on a background with the XYZ color 30.4232, 24.2857,

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

30.4232, 24.2857, 57.1170

Protanopia

26.2088, 24.6040, 64.9957

Deuteranopia

25.0444, 24.4152, 55.6172



Tritanopia

24.6758, 24.2053, 28.9627

Trichromacy



Original Color

30.4232, 24.2857, 57.1170

Protanomaly

27.2938, 24.2284, 62.2695

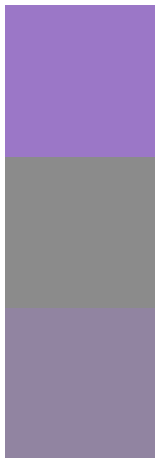
Deuteranomaly

26.6807, 24.2438, 56.0966

Tritanomaly

26.5947, 24.2126, 37.9221

Monochromacy



Original Color

30.4232, 24.2857, 57.1170

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

26.3613, 25.0955, 37.1727

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.4232, 24.2857, 57.1170 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(155, 119, 199)` looks like.

```
.text, #text, p{  
    color:rgb(155, 119, 199)  
}
```

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(155, 119, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 119, 199) }
```

Border

The CSS property to change the border of an element to XYZ 30.4232, 24.2857, 57.1170 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(155, 119, 199) }
```


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

```
.border{ border-color:rgb(155, 119, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 119, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 119, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 119, 199);  
box-shadow:4px 4px 4px 4px rgb(155, 119,  
199) }
```

Background

The CSS property to change the background color of an element to XYZ 30.4232, 24.2857, 57.1170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 119, 199) }
```

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

```
.background{ background-color: rgb(155,  
119, 199) }
```

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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