

Converting Colors

XYZ(30.4657, 24.2038, 56.0242)

Have a look what the booklet for
XYZ(30.4657, 24.2038, 56.0242)
contains.

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Color

**XYZ(30.4611, 24.1562,
55.8805)**

Conversions

Conversions Part 1

Format	Color
Hex	9D76C5
RGB	157, 118, 197
RGB Percent	62%, 46%, 77%
CMY	0.3843, 0.5372, 0.2274
CMYK	0.20, 0.40, 0.00, 0.23
HSL	270°, 41%, 62%
HSV	270°, 40%, 77%
XYZ	30.4611, 24.1562, 55.8805
YIQ	138.6670, -2.1150, 32.8370

Conversions

Conversions Part 2

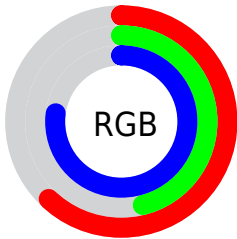
Format	Color
RYB	157, 118, 197
Decimal	10319557
CIELab	56.24, 30.77, -35.57
CIELCh	56, 47.032, 310.865
Yxy	24.1562, 0.2757, 0.2186
Android (android.graphics.Color)	4288509637 (0xFF9D76C5)
YUV	138.6670, 28.7582, 16.0780
Hunter-Lab	49.1490, 24.6185, -33.0062

Details

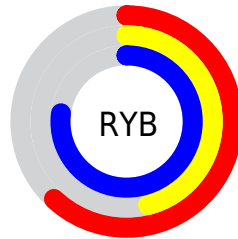
The XYZ color **30.4611, 24.1562, 55.8805** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **37.3376, 48.5102, 24.5361**, and the grayscale version is **24.3071, 25.5730, 27.8490**.

A 20% lighter version of the original color is **59.8929, 50.4277, 100.3428**, and **12.7950, 9.1825, 27.0846** is the 20% darker color. If you saturate the color by 10%, you get **26.5117, 19.0290, 55.0994**, and if you desaturate by 10%, it is **35.0555, 30.3361, 56.8316**.

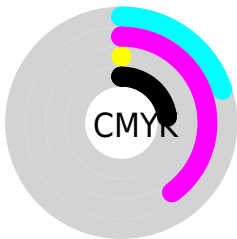
Distribution



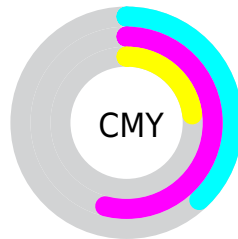
- Red (62%)
- Green (46%)
- Blue (77%)



- Red (62%)
- Yellow (46%)
- Blue (77%)



- Cyan (20%)
- Magenta (40%)
- Yellow (0%)
- Black (23%)



- Cyan (38%)
- Magenta (54%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.4611, 24.1562, 55.8805 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 30.4611, 24.1562, 55.8805 by changing the saturation by 10% instead.

■ 30.4611, 24.1562,
55.8805

■ 30.4611, 24.1562,
55.8805

295.9193,
273.6092, 426.6166

■ 20.3386, 15.4495,
39.7038

■ 59.7723, 50.2850,
100.3139

■ 12.7511, 9.1355,
26.9956

■ 79.6917, 68.4759,
129.4076

■ 7.3332, 4.8297,
17.3375

■ 103.6075, 90.5970,
163.6441

■ 3.7195, 2.1477,
10.3109

131.8850,
117.0327, 203.4419

■ 1.5447, 0.6912,
5.4973

164.8895,
148.1673, 249.2195

■ 0.3560, 0.0000,
2.4781

202.9865,

■ 0.0000, 0.0000,

184.3854, 301.3954

0.8285

246.5413,
226.0712, 360.3883

■ 0.0000, 0.0000,
0.0000

■ 30.4611, 24.1562,
55.8805

■ 30.4611, 24.1562,
55.8805

■ 26.5117, 19.0290,
55.0994

■ 35.0555, 30.3361,
56.8316

■ 23.1707, 14.8889,
54.4764

■ 40.3239, 37.6233,
57.9605

■ 20.4011, 11.6672,
54.0005

■ 46.2962, 46.0719,
59.2765

■ 18.1603, 9.2847,
53.6587

■ 52.9998, 55.7315,
60.7876

■ 16.3985, 7.6480,
53.4357

■ 60.4606, 66.6489,
62.5017

■ 15.0350, 6.5866,
53.3027

■ 68.7030, 78.8683,
64.4258

■ 77.4615, 91.8537,
66.4706

■ 80.6963, 93.5213,
66.6220

■ 84.1164, 95.2844,
66.7821

Harmonies

Analogous

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



24.9770, 24.1562, 67.7534



30.4611, 24.1562, 55.8805



34.2573, 24.1562, 37.3272

Triad

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



30.4611, 24.1562, 55.8805



26.5415, 24.1562, 7.0012



14.1835, 24.1562, 32.3271

Complementary

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



30.4611, 24.1562, 55.8805



37.3376, 48.5102, 24.5361

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.



14.4670, 24.1562, 17.6945



30.4611, 24.1562, 55.8805



21.0541, 24.1562, 6.5510

Square

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



30.4611, 24.1562, 55.8805



31.7601, 24.1562, 11.2277



16.8036, 24.1562, 9.5917



15.9567, 24.1562, 51.0079

Rectangle

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



30.4611, 24.1562, 55.8805



35.0118, 24.1562, 25.8549



16.8036, 24.1562, 9.5917



14.0495, 24.1562, 26.7542

Sweetspot

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



30.4620, 24.1572, 55.8810



80.5811, 79.1856, 105.6450



29.9167, 32.6170, 57.5427



16.9358, 16.5058, 22.5433



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.



30.4620, 24.1572, 55.8810



48.3816, 35.2265, 98.8571



39.2398, 28.6823, 56.2918



10.5470, 10.5402, 13.3961



9.9852, 4.3818, 35.0639



0.5564, 0.2506, 1.6642

Inverse Universe

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



35.6767, 27.2967, 35.7371



59.3752, 41.8466, 56.3258



30.8883, 45.1855, 24.2342



10.8542, 10.7251, 12.2153



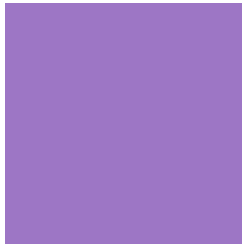
16.6924, 8.4265, 8.8562



0.8269, 0.4136, 0.6118

Previews

White Background



This preview shows how the XYZ color 30.4611, 24.1562, 55.8805 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 30.4611, 24.1562, 55.8805 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

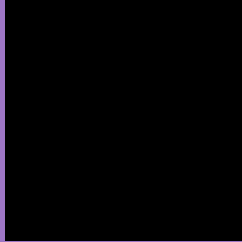
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 30.4611, 24.1562, 55.8805

Background



This preview shows how black text looks on a background with the XYZ color 30.4611, 24.1562, 55.8805.



This preview shows how white text looks on a background with the XYZ color 30.4611, 24.1562,

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

30.4611, 24.1562, 55.8805

Protanopia

25.9596, 24.5043, 63.6832

Deuteranopia

24.9448, 24.3900, 54.4319



Tritanopia

24.7489, 24.0618, 28.1509

Trichromacy



Original Color

30.4611, 24.1562, 55.8805

Protanomaly

27.1961, 24.2061, 60.9965

Deuteranomaly

26.4716, 23.9677, 54.8608

Tritanomaly

26.6564, 24.0742, 36.9601

Monochromacy



Original Color

30.4611, 24.1562, 55.8805

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

26.3155, 24.8817, 36.6734

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.4611, 24.1562, 55.8805 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(157, 118, 197)` looks like.

```
.text, #text, p{  
    color:rgb(157, 118, 197)  
}
```

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(157, 118, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 118, 197) }
```

Border

The CSS property to change the border of an element to XYZ 30.4611, 24.1562, 55.8805 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(157, 118, 197) }
```


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

```
.border{ border-color:rgb(157, 118, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 118, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 118, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 118, 197);  
box-shadow:4px 4px 4px 4px rgb(157, 118,  
197) }
```

Background

The CSS property to change the background color of an element to XYZ 30.4611, 24.1562, 55.8805 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 118, 197) }
```

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

```
.background{ background-color: rgb(157,  
118, 197) }
```

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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