

Converting Colors

XYZ(30.9529, 26.7696, 49.3186)

Have a look what the booklet for
XYZ(30.9529, 26.7696, 49.3186)
contains.

XYZ(31.0377, 26.8390, 49.4435)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(31.0377, 26.8390,
49.4435)**

Conversions

Conversions Part 1

Format	Color
Hex	9F82B9
RGB	159, 130, 185
RGB Percent	62%, 51%, 73%
CMY	0.3765, 0.4902, 0.2745
CMYK	0.14, 0.30, 0.00, 0.27
HSL	272°, 28%, 62%
HSV	272°, 30%, 73%
XYZ	31.0377, 26.8390, 49.4435
YIQ	144.9410, -0.3710, 23.2530

Conversions

Conversions Part 2

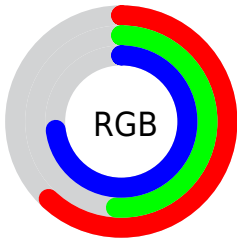
Format	Color
RYB	159, 130, 185
Decimal	10453689
CIELab	58.83, 21.79, -24.72
CIElCh	59, 32.952, 311.401
Yxy	26.8390, 0.2892, 0.2501
Android (android.graphics.Color)	4288643769 (0xFF9F82B9)
YUV	144.9410, 19.7491, 12.3297
Hunter-Lab	51.8064, 16.2799, -20.3213

Details

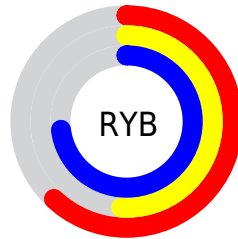
The XYZ color **31.0377, 26.8390, 49.4435** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **35.0893, 43.3782, 27.6437**, and the grayscale version is **26.8129, 28.2093, 30.7199**.

A 20% lighter version of the original color is **60.5422, 54.5140, 90.5504**, and **13.0969, 10.5291, 23.1718** is the 20% darker color. If you saturate the color by 10%, you get **27.1215, 21.4902, 48.6179**, and if you desaturate by 10%, it is **35.5208, 33.1381, 50.4235**.

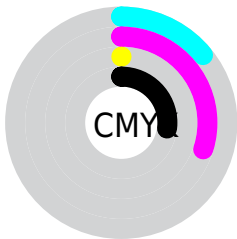
Distribution



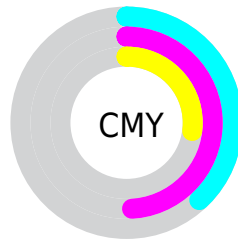
- Red (62%)
- Green (51%)
- Blue (73%)



- Red (62%)
- Yellow (51%)
- Blue (73%)



- Cyan (14%)
- Magenta (30%)
- Yellow (0%)
- Black (27%)



- Cyan (38%)
- Magenta (49%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 31.0377, 26.8390, 49.4435 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 31.0377, 26.8390, 49.4435 by changing the saturation by 10% instead.

■ 31.0377, 26.8390,
49.4435

■ 31.0377, 26.8390,
49.4435

298.5357,
286.8767, 401.1582

■ 20.7795, 17.4523,
34.6033

■ 60.6749, 54.6254,
90.7376

■ 13.0745, 10.5575,
23.0764

■ 80.7846, 73.7939,
118.0286

■ 7.5572, 5.7702,
14.4441

■ 104.9088, 96.9919,
150.3070

■ 3.8624, 2.7058,
8.2879

133.4130,
124.6037, 187.9913

■ 1.6246, 0.9802,
4.1893

166.6624,
157.0136, 231.5000

■ 0.4083, 0.0000,
1.7298

205.0224,

■ 0.0000, 0.0000,

194.6062, 281.2517

0.3810

248.8584,
237.7658, 337.6649

■ 0.0000, 0.0000,
0.0000

■ 31.0377, 26.8390,
49.4435

■ 31.0377, 26.8390,
49.4435

■ 27.1215, 21.4902,
48.6179

■ 35.5208, 33.1381,
50.4235

■ 23.7433, 17.0397,
47.9369

■ 40.5926, 40.4292,
51.5635

■ 20.8754, 13.4353,
47.3924

■ 46.2767, 48.7558,
52.8711

■ 18.4864, 10.6180,
46.9745

■ 52.5948, 58.1575,
54.3528

■ 16.5407, 8.5209,
46.6723

■ 59.5673, 68.6720,
56.0148

■ 14.9969, 7.0653,
46.4727

■ 67.2138, 80.3349,
57.8630

■ 13.7761, 6.0984,
46.3504

■ 74.0990, 90.2729,
59.4183

■ 13.7451, 6.0743,
46.3473

■ 76.8193, 91.6752,
59.5456

■ 79.6802, 93.1501,
59.6795

Harmonies

Analogous

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



27.0867, 26.8390, 57.1287



31.0377, 26.8390, 49.4435



33.6609, 26.8390, 36.9628

Triad

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



31.0377, 26.8390, 49.4435



28.0856, 26.8390, 12.7231



18.5871, 26.8390, 33.8768

Complementary

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



31.0377, 26.8390, 49.4435



35.0893, 43.3782, 27.6437

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.



18.7936, 26.8390, 22.6471



31.0377, 26.8390, 49.4435



23.9951, 26.8390, 12.3097

Square

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



31.0377, 26.8390, 49.4435



31.8356, 26.8390, 16.7749



20.6804, 26.8390, 15.4390



20.0827, 26.8390, 46.6742

Rectangle

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



31.0377, 26.8390, 49.4435



34.1517, 26.8390, 28.6791



20.6804, 26.8390, 15.4390



18.4643, 26.8390, 29.7740

Sweetspot

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



31.0386, 26.8401, 49.4441



73.2615, 73.2228, 92.4767



29.9504, 32.2228, 50.5404



15.4939, 15.3502, 19.8679



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



31.0386, 26.8401, 49.4441



50.6704, 41.3191, 87.5094



36.6514, 29.7448, 49.2032



8.9609, 8.9462, 11.3339



9.4439, 4.1797, 31.5621



0.4038, 0.1839, 1.1160

Inverse Universe

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



33.9918, 28.6809, 35.1979



57.0517, 45.2931, 56.8927



30.6469, 41.0809, 27.7585



9.1766, 9.0810, 10.2773



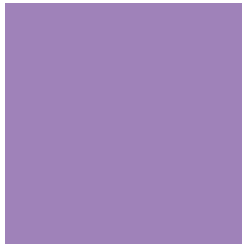
14.8437, 7.5112, 7.0638



0.5546, 0.2773, 0.4139

Previews

White Background



This preview shows how the XYZ color 31.0377, 26.8390, 49.4435 looks on a white background.

Color Contrast Check

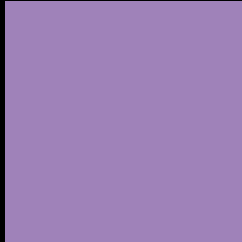
Large Text (above 18pt) WCAG AA ✓ Pass

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 31.0377, 26.8390, 49.4435 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 31.0377, 26.8390, 49.4435

Background



This preview shows how black text looks on a background with the XYZ color 31.0377, 26.8390, 49.4435.



This preview shows how white text looks on a background with the XYZ color 31.0377, 26.8390,

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

31.0377, 26.8390, 49.4435

Protanopia

27.4967, 26.9976, 53.6310

Deuteranopia

27.4527, 26.8707, 48.5394



Tritanopia

27.4278, 26.8017, 31.7446

Trichromacy



Original Color

31.0377, 26.8390, 49.4435

Protanomaly

28.4707, 26.6857, 51.7944

Deuteranomaly

28.6112, 26.8198, 49.0162

Tritanomaly

28.4757, 26.5920, 37.3501

Monochromacy



Original Color

31.0377, 26.8390, 49.4435

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

28.3009, 27.7783, 37.1278

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.0377, 26.8390, 49.4435 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(159, 130, 185)` looks like.

```
.text, #text, p{  
    color:rgb(159, 130, 185)  
}
```

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(159, 130, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 130, 185) }
```

Border

The CSS property to change the border of an element to XYZ 31.0377, 26.8390, 49.4435 is called "border". The border property can be set on classes, ids or directly on the HTML element.

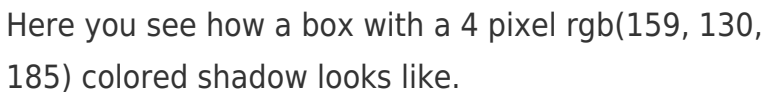
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(159, 130, 185) }
```


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

```
.border{ border-color:rgb(159, 130, 185) }
```

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



Here you see how a box with a 4 pixel `rgb(159, 130, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(159, 130, 185); -webkit-box-shadow:4px 4px 4px 4px rgb(159, 130, 185); box-shadow:4px 4px 4px 4px rgb(159, 130, 185) }
```

Background

The CSS property to change the background color of an element to XYZ 31.0377, 26.8390, 49.4435 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 130, 185) }
```

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

```
.background{ background-color: rgb(159,  
130, 185) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor