

Converting Colors

XYZ(31.5238, 27.5091, 47.7777)

Have a look what the booklet for
XYZ(31.5238, 27.5091, 47.7777)
contains.

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Color

**XYZ(31.5951, 27.5613,
47.9106)**

Conversions

Conversions Part 1

Format	Color
Hex	A284B6
RGB	162, 132, 182
RGB Percent	64%, 52%, 71%
CMY	0.3647, 0.4823, 0.2863
CMYK	0.11, 0.27, 0.00, 0.29
HSL	276°, 26%, 62%
HSV	276°, 27%, 71%
XYZ	31.5951, 27.5613, 47.9106
YIQ	146.6700, 1.8300, 21.9100

Conversions

Conversions Part 2

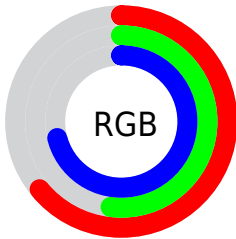
Format	Color
RYB	162, 132, 182
Decimal	10650806
CIELab	59.49, 20.97, -21.96
CIElCh	59, 30.369, 313.677
Yxy	27.5613, 0.2951, 0.2574
Android (android.graphics.Color)	4288840886 (0xFFA284B6)
YUV	146.6700, 17.4177, 13.4444
Hunter-Lab	52.4989, 15.5527, -17.3590

Details

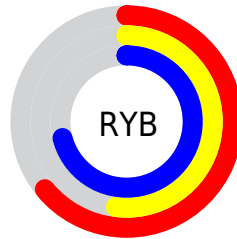
The XYZ color **31.5951, 27.5613, 47.9106** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **33.8425, 41.7979, 28.1151**, and the grayscale version is **27.5277, 28.9613, 31.5388**.

A 20% lighter version of the original color is **61.3968, 55.6227, 88.3892**, and **13.4101, 10.9346, 22.1727** is the 20% darker color. If you saturate the color by 10%, you get **27.9030, 22.3088, 47.0918**, and if you desaturate by 10%, it is **35.8052, 33.7213, 48.8781**.

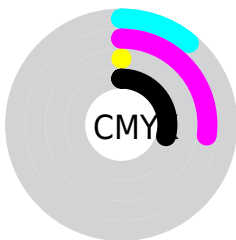
Distribution



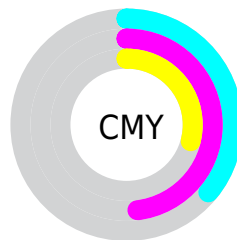
- Red (64%)
- Green (52%)
- Blue (71%)



- Red (64%)
- Yellow (52%)
- Blue (71%)



- Cyan (11%)
- Magenta (27%)
- Yellow (0%)
- Black (29%)



- Cyan (36%)
- Magenta (48%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 31.5951, 27.5613, 47.9106 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 31.5951, 27.5613, 47.9106 by changing the saturation by 10% instead.

■ 31.5951, 27.5613,
47.9106

■ 31.5951, 27.5613,
47.9106

301.0488,
290.3647, 394.9361

■ 21.2065, 17.9952,
33.3966

■ 61.5453, 55.7833,
88.4354

■ 13.3883, 10.9466,
22.1568

■ 81.8375, 75.2080,
115.2834

■ 7.7753, 6.0309,
13.7728

■ 106.1617, 98.6876,
147.0797

■ 4.0021, 2.8639,
7.8259

134.8832,
126.6067, 184.2430

■ 1.7033, 1.0611,
3.8975

168.3672,
159.3495, 227.1917

■ 0.4584, 0.0000,
1.5693

206.9793,

■ 0.0000, 0.0000,

197.3005, 276.3444

0.2688

251.0847,
240.8441, 332.1197

■ 0.0000, 0.0000,
0.0000

■ 31.5951, 27.5613,
47.9106

■ 31.5951, 27.5613,
47.9106

■ 27.9030, 22.3088,
47.0918

■ 35.8052, 33.7213,
48.8781

■ 24.7024, 17.9149,
46.4124

■ 40.5527, 40.8277,
49.9996

■ 21.9683, 14.3313,
45.8648

■ 45.8592, 48.9210,
51.2821

■ 19.6722, 11.5032,
45.4399

■ 51.7445, 58.0384,
52.7317

■ 17.7822, 9.3689,
45.1276

■ 58.2271, 68.2153,
54.3544

■ 16.2611, 7.8566,
44.9158

■ 65.3246, 79.4851,
56.1556

■ 15.0544, 6.8596,
44.7870

■ 71.6331, 89.0379,
57.6670

■ 14.7750, 6.6414,
44.7596

■ 73.7921, 90.1509,
57.7680

■ 76.0470, 91.3133,
57.8735

Harmonies

Analogous

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



27.9691, 27.5613, 55.3977



31.5951, 27.5613, 47.9106



33.8848, 27.5613, 36.3092

Triad

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



31.5951, 27.5613, 47.9106



28.3122, 27.5613, 14.0271



19.6961, 27.5613, 35.2556

Complementary

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



31.5951, 27.5613, 47.9106



33.8425, 41.7979, 28.1151

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.



19.7686, 27.5613, 24.4843



31.5951, 27.5613, 47.9106



24.4999, 27.5613, 13.8764

Square

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



31.5951, 27.5613, 47.9106



31.8673, 27.5613, 17.7147



21.4503, 27.5613, 17.2363



21.2413, 27.5613, 46.9797

Rectangle

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



31.5951, 27.5613, 47.9106



34.2189, 27.5613, 28.6825



21.4503, 27.5613, 17.2363



19.5370, 27.5613, 31.3770

Sweetspot

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



31.5960, 27.5625, 47.9112



72.9181, 73.1089, 90.5039



29.1884, 30.7405, 48.6515



15.8070, 15.6977, 19.9185



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.



31.5960, 27.5625, 47.9112



53.0983, 43.9817, 85.9264



35.4792, 29.6230, 45.4434



9.0239, 8.9787, 11.3369



10.5104, 4.7295, 31.6120



0.4383, 0.2017, 1.1176

Inverse Universe

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



33.2110, 28.7157, 33.4990



56.6700, 46.5152, 54.8180



30.7599, 40.1683, 29.8001



9.1494, 9.0701, 10.1344



14.4989, 7.3733, 5.2481



0.5419, 0.2723, 0.3473

Previews

White Background



This preview shows how the XYZ color 31.5951, 27.5613, 47.9106 looks on a white background.

Color Contrast Check

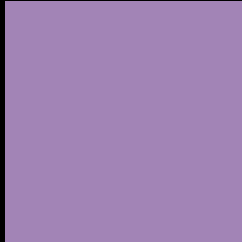
Large Text (above 18pt) WCAG AA ✓ Pass

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 31.5951, 27.5613, 47.9106 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 31.5951, 27.5613, 47.9106

Background



This preview shows how black text looks on a background with the XYZ color 31.5951, 27.5613, 47.9106.



This preview shows how white text looks on a background with the XYZ color 31.5951, 27.5613,

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

31.5951, 27.5613, 47.9106

Protanopia

28.0642, 27.7660, 52.0243

Deuteranopia

28.2443, 27.7483, 47.0473



Tritanopia

28.4179, 27.5150, 32.2469

Trichromacy



Original Color

31.5951, 27.5613, 47.9106

Protanomaly

29.1067, 27.4729, 50.2231

Deuteranomaly

29.4616, 27.7162, 47.5130

Tritanomaly

29.5353, 27.5525, 37.4797

Monochromacy



Original Color

31.5951, 27.5613, 47.9106

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

28.9671, 28.5595, 37.2435

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.5951, 27.5613, 47.9106 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(162, 132, 182)` looks like.

```
.text, #text, p{  
    color:rgb(162, 132, 182)  
}
```

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(162, 132, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 132, 182) }
```

Border

The CSS property to change the border of an element to XYZ 31.5951, 27.5613, 47.9106 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(162, 132, 182) }
```


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

```
.border{ border-color:rgb(162, 132, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 132, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 132, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 132, 182);  
box-shadow:4px 4px 4px 4px rgb(162, 132,  
182) }
```

Background

The CSS property to change the background color of an element to XYZ 31.5951, 27.5613, 47.9106 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 132, 182) }
```

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

```
.background{ background-color: rgb(162,  
132, 182) }
```

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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