

Converting Colors

XYZ(31.2606, 27.6015, 32.4958)

Have a look what the booklet for
XYZ(31.2606, 27.6015, 32.4958)
contains.

| | |
|--|----|
| XYZ(31.3005, 27.5486, 32.5219) | 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(31.3005, 27.5486,
32.5219)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | AF8396 |
| RGB | 175, 131, 150 |
| RGB Percent | 69%, 51%, 59% |
| CMY | 0.3137, 0.4863, 0.4118 |
| CMYK | 0.00, 0.25, 0.14, 0.31 |
| HSL | 334°, 22%, 60% |
| HSV | 334°, 25%, 69% |
| XYZ | 31.3005, 27.5486, 32.5219 |
| YIQ | 146.3220, 20.1250, 15.2370 |

Conversions

Conversions Part 2

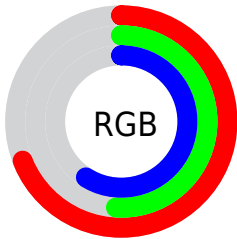
| Format | Color |
|-------------------------------------|------------------------------|
| RYB | 175, 131, 150 |
| Decimal | 11502486 |
| CIELab | 59.48, 19.94, -3.56 |
| CIElCh | 59, 20.257, 349.892 |
| Yxy | 27.5486, 0.3426, 0.3015 |
| Android (android.graphics.Color) | 4289692566 (0xFFAF8396) |
| YUV | 146.3220, 1.8133, 25.1506 |
| Hunter-Lab | 52.4868, 14.5967, 0.0034 |

Details

The XYZ color **31.3005, 27.5486, 32.5219** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **30.6919, 37.8862, 37.1494**, and the grayscale version is **27.4414, 28.8705, 31.4400**.

A 20% lighter version of the original color is **60.9946, 55.6295, 64.6496**, and **13.2206, 10.9233, 13.2160** is the 20% darker color. If you saturate the color by 10%, you get **28.3787, 22.9323, 27.7637**, and if you desaturate by 10%, it is **34.6888, 32.9886, 37.7716**.

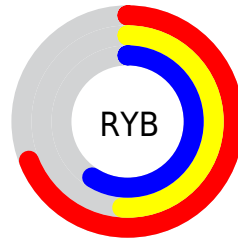
Distribution



Red (69%)

Green (51%)

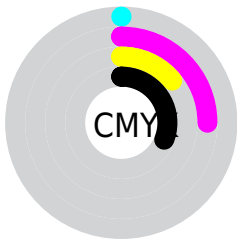
Blue (59%)



Red (69%)

Yellow (51%)

Blue (59%)

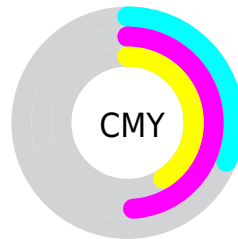


Cyan (0%)

Magenta (25%)

Yellow (14%)

Black (31%)



Cyan (31%)

Magenta (49%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 31.3005, 27.5486, 32.5219 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 31.3005, 27.5486, 32.5219 by changing the saturation by 10% instead.

■ 31.3005, 27.5486,
32.5219

■ 31.3005, 27.5486,
32.5219

299.7226,
290.3036, 328.0555

■ 20.9807, 17.9857,
21.4923

■ 61.0855, 55.7629,
64.7358

■ 13.2223, 10.9397,
13.2896

■ 81.2814, 75.1832,
86.7571

■ 7.6599, 6.0263,
7.4952

■ 105.5001, 98.6579,
113.2795

■ 3.9280, 2.8611,
3.6906

134.1070,
126.5716, 144.7214

■ 1.6615, 1.0596,
1.4572

167.4673,
159.3086, 181.5015

■ 0.4320, 0.0000,
0.1857

205.9464,

■ 0.0000, 0.0000,

197.2534, 224.0381

0.0000

249.9097,
240.7902, 272.7500

■ 31.3005, 27.5486,
32.5219

■ 31.3005, 27.5486,
32.5219

■ 28.3787, 22.9323,
27.7637

■ 34.6888, 32.9886,
37.7716

■ 25.8994, 19.0953,
23.4797

■ 38.5615, 39.2862,
43.5256

■ 23.8401, 15.9949,
19.6540

■ 42.9382, 46.4780,
49.7988

■ 22.1750, 13.5827,
16.2692

■ 47.8369, 54.5974,
56.6043

■ 20.8755, 11.8042,
13.3063

■ 53.2744, 63.6760,
63.9553

■ 19.9086, 10.5969,
10.7445

■ 59.2672, 73.7441,
71.8641

■ 19.2342, 9.8836,
8.5599

■ 65.8306, 84.8303,
80.3427

■ 18.9686, 9.6297,
7.6168

■ 67.6594, 86.3220,
87.6294

■ 69.0927, 86.8954,
95.1770

Harmonies

Analogous

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



30.1060, 27.5486, 39.9552



31.3005, 27.5486, 32.5219



31.0579, 27.5486, 25.4776

Triad

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



31.3005, 27.5486, 32.5219



24.5549, 27.5486, 18.6578



23.1578, 27.5486, 42.0355

Complementary

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



31.3005, 27.5486, 32.5219



30.6919, 37.8862, 37.1494

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.



21.8489, 27.5486, 35.0188



31.3005, 27.5486, 32.5219



22.6186, 27.5486, 21.8463

Square

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



31.3005, 27.5486, 32.5219



27.0519, 27.5486, 18.2108



21.6581, 27.5486, 27.6039



25.3351, 27.5486, 46.0074

Rectangle

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



31.3005, 27.5486, 32.5219



30.1190, 27.5486, 21.8790



21.6581, 27.5486, 27.6039



22.6078, 27.5486, 39.9063

Sweetspot

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



31.3013, 27.5498, 32.5225



66.8895, 66.8134, 74.7667



29.5526, 26.3904, 44.0939



14.6341, 14.4708, 16.2734



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.



31.3013, 27.5498, 32.5225



53.1432, 44.7148, 53.5554



30.2928, 27.7858, 25.2409



8.1434, 8.0706, 9.0661



13.6137, 6.9080, 5.6110



0.4065, 0.2033, 0.3024

Inverse Universe

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



31.3013, 27.5498, 32.5225



53.1432, 44.7148, 53.5554



31.8640, 37.4515, 46.1071



8.1434, 8.0706, 9.0661



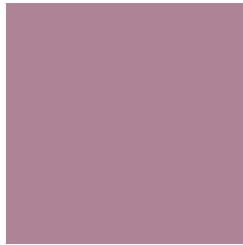
13.6137, 6.9080, 5.6110



0.4065, 0.2033, 0.3024

Previews

White Background



This preview shows how the XYZ color 31.3005, 27.5486, 32.5219 looks on a white background.

Color Contrast Check

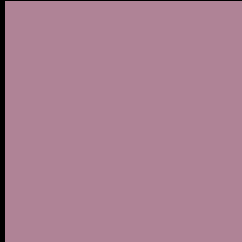
Large Text (above 18pt) WCAG AA ✓ Pass

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 31.3005, 27.5486, 32.5219 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 31.3005, 27.5486, 32.5219

Background



This preview shows how black text looks on a background with the XYZ color 31.3005, 27.5486, 32.5219.



This preview shows how white text looks on a background with the XYZ color 31.3005, 27.5486,

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

31.3005, 27.5486, 32.5219

Protanopia

27.0636, 27.8300, 35.8436

Deuteranopia

28.0955, 27.5719, 31.8581



Tritanopia

30.5893, 27.4542, 29.2781

Trichromacy



Original Color

31.3005, 27.5486, 32.5219

Protanomaly

28.3918, 27.6684, 34.4160

Deuteranomaly

29.1293, 27.4596, 32.1987

Tritanomaly

30.8177, 27.5455, 30.4806

Monochromacy



Original Color

31.3005, 27.5486, 32.5219

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

28.6960, 28.3244, 31.5585

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.3005, 27.5486, 32.5219 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(175, 131, 150)` looks like.

```
.text, #text, p{  
    color:rgb(175, 131, 150)  
}
```

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(175, 131, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 131, 150) }
```

Border

The CSS property to change the border of an element to XYZ 31.3005, 27.5486, 32.5219 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(175, 131, 150) }
```


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

```
.border{ border-color:rgb(175, 131, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 131, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 131, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 131, 150);  
box-shadow:4px 4px 4px 4px rgb(175, 131,  
150) }
```

Background

The CSS property to change the background color of an element to XYZ 31.3005, 27.5486, 32.5219 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 131, 150) }
```

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

```
.background{ background-color: rgb(175,  
131, 150) }
```

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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