

Converting Colors

XYZ(31.7693, 31.5017, 25.1637)

Have a look what the booklet for
XYZ(31.7693, 31.5017, 25.1637)
contains.

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Color

**XYZ(31.6297, 31.3367,
25.1504)**

Conversions

Conversions Part 1

Format	Color
Hex	AD9381
RGB	173, 147, 129
RGB Percent	68%, 58%, 51%
CMY	0.3216, 0.4235, 0.4941
CMYK	0.00, 0.15, 0.25, 0.32
HSL	25°, 21%, 59%
HSV	25°, 25%, 68%
XYZ	31.6297, 31.3367, 25.1504
YIQ	152.7220, 21.2740, -0.0860

Conversions

Conversions Part 2

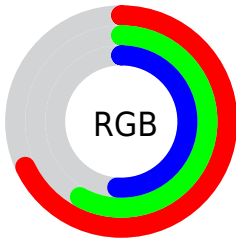
Format	Color
RYB	173, 159, 129
Decimal	11375489
CIELab	62.79, 6.87, 13.13
CIElCh	63, 14.823, 62.376
Yxy	31.3367, 0.3590, 0.3556
Android (android.graphics.Color)	4289565569 (0xFFAD9381)
YUV	152.7220, -11.6949, 17.7838
Hunter-Lab	55.9792, 2.8936, 12.5476

Details

The XYZ color **31.6297, 31.3367, 25.1504** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **28.3170, 31.1258, 44.0505**, and the grayscale version is **30.2009, 31.7737, 34.6015**.

A 20% lighter version of the original color is **61.6432, 61.8087, 52.9373**, and **13.3766, 12.9380, 9.3817** is the 20% darker color. If you saturate the color by 10%, you get **29.0565, 27.8773, 19.0916**, and if you desaturate by 10%, it is **34.5405, 35.1594, 32.2831**.

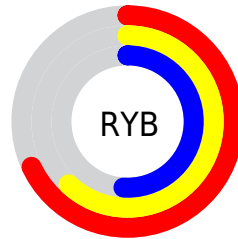
Distribution



Red (68%)

Green (58%)

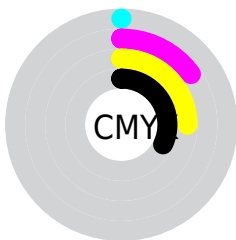
Blue (51%)



Red (68%)

Yellow (62%)

Blue (51%)

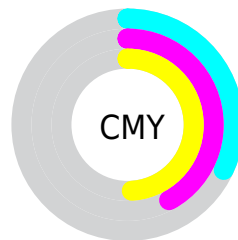


Cyan (0%)

Magenta (15%)

Yellow (25%)

Black (32%)



Cyan (32%)

Magenta (42%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 31.6297, 31.3367, 25.1504 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 31.6297, 31.3367, 25.1504 by changing the saturation by 10% instead.

■ 31.6297, 31.3367,
25.1504

■ 31.6297, 31.3367,
25.1504

301.2043,
308.0865, 292.0577

■ 21.2330, 20.8554,
15.9691

■ 61.5992, 61.7698,
52.8683

■ 13.4078, 13.0183,
9.3482

■ 81.9028, 82.4903,
72.2419

■ 7.7889, 7.4412,
4.8691

■ 106.2393,
107.3927, 95.8501

■ 4.0108, 3.7395,
2.1133

134.9742,
136.8614, 124.1113

■ 1.7083, 1.5289,
0.6236

168.4728,
171.2807, 157.4441

■ 0.4614, 0.3090,
0.0000

207.1004,

■ 0.0000, 0.0000,

211.0351, 196.2671

0.0000

251.2225,
256.5089, 240.9988

■ 31.6297, 31.3367,
25.1504

■ 31.6297, 31.3367,
25.1504

■ 29.0565, 27.8773,
19.0916

■ 34.5405, 35.1594,
32.2831

■ 26.8050, 24.7656,
14.0518

■ 37.7992, 39.3517,
40.5368

■ 24.8615, 21.9911,
9.9743

■ 41.4183, 43.9252,
49.9583

■ 23.2103, 19.5412,
6.7960

■ 45.4094, 48.8899,
60.5912

■ 21.8342, 17.4023,
4.4460

■ 49.7831, 54.2550,
72.4765

■ 20.7133, 15.5595,
2.8427

■ 54.5499, 60.0296,
85.6537

■ 19.8240, 13.9959,
1.8835

■ 59.7197, 66.2226,
100.1603

■ 19.4734, 13.3638,
1.5531

■ 63.2403, 72.0177,
105.1754

■ 66.1486, 77.8342,
106.1449

Harmonies

Analogous

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



33.2012, 31.3367, 28.4823



31.6297, 31.3367, 25.1504



29.6232, 31.3367, 24.1333

Triad

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



31.6297, 31.3367, 25.1504



26.0555, 31.3367, 34.5854



31.9220, 31.3367, 44.4491

Complementary

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



31.6297, 31.3367, 25.1504



28.3170, 31.1258, 44.0505

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.



29.9465, 31.3367, 46.5405



31.6297, 31.3367, 25.1504



26.6108, 31.3367, 40.4572

Square

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



31.6297, 31.3367, 25.1504



26.4612, 31.3367, 29.1992



28.0127, 31.3367, 45.0036



33.3753, 31.3367, 39.5655

Rectangle

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



31.6297, 31.3367, 25.1504



28.3245, 31.3367, 24.7993



28.0127, 31.3367, 45.0036



31.2940, 31.3367, 45.5255

Sweetspot

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



31.6305, 31.3381, 25.1511



66.0541, 68.3781, 68.3951



31.0341, 26.9651, 34.7561



14.1655, 14.6169, 14.3815



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



31.6305, 31.3381, 25.1511



53.7627, 52.2634, 38.1924



35.3097, 38.6966, 26.3775



8.2643, 8.5334, 8.4249



14.3595, 9.9246, 1.1588



0.4541, 0.3854, 0.0505

Inverse Universe

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



28.3170, 31.1258, 44.0505



46.7204, 51.8067, 78.3430



25.0388, 24.5694, 42.9578



7.9573, 8.5141, 10.1767



9.1044, 9.3427, 30.3680



0.3053, 0.3640, 0.8622

Previews

White Background



This preview shows how the XYZ color 31.6297, 31.3367, 25.1504 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 31.6297, 31.3367, 25.1504 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 ✓ Pass

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

XYZ 31.6297, 31.3367, 25.1504

Background



This preview shows how black text looks on a background with the XYZ color 31.6297, 31.3367, 25.1504.



This preview shows how white text looks on a background with the XYZ color 31.6297, 31.3367,

25.1504.

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

31.6297, 31.3367, 25.1504

Protanopia

29.8222, 31.5687, 25.9943

Deuteranopia

31.9205, 31.2567, 25.1196



Tritanopia

33.5597, 31.2081, 34.8268

Trichromacy



Original Color

31.6297, 31.3367, 25.1504

Protanomaly

30.4527, 31.4237, 25.5795

Deuteranomaly

31.6969, 31.1414, 25.1092

Tritanomaly

32.7633, 31.1048, 31.0651

Monochromacy



Original Color

31.6297, 31.3367, 25.1504

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

30.5979, 31.6204, 30.8762

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.6297, 31.3367, 25.1504 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(173, 147, 129)` looks like.

```
.text, #text, p{  
    color:rgb(173, 147, 129)  
}
```

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(173, 147, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 147, 129) }
```

Border

The CSS property to change the border of an element to XYZ 31.6297, 31.3367, 25.1504 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(173, 147, 129) }
```


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

```
.border{ border-color:rgb(173, 147, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 147, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(173, 147, 129); -webkit-box-shadow:4px 4px 4px 4px rgb(173, 147, 129); box-shadow:4px 4px 4px 4px rgb(173, 147, 129) }
```

Background

The CSS property to change the background color of an element to XYZ 31.6297, 31.3367, 25.1504 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 147, 129) }
```

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

```
.background{ background-color: rgb(173,  
147, 129) }
```

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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