

Converting Colors

XYZ(37.5749, 31.1674, 25.2819)

Have a look what the booklet for
XYZ(37.5749, 31.1674, 25.2819)
contains.

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Color

**XYZ(37.4574, 31.0934,
25.1465)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | CD8482 |
| RGB | 205, 132, 130 |
| RGB Percent | 80%, 52%, 51% |
| CMY | 0.1961, 0.4823, 0.4902 |
| CMYK | 0.00, 0.36, 0.37, 0.20 |
| HSL | 2°, 43%, 66% |
| HSV | 2°, 37%, 80% |
| XYZ | 37.4574, 31.0934, 25.1465 |
| YIQ | 153.5990, 44.1500, 14.8540 |

Conversions

Conversions Part 2

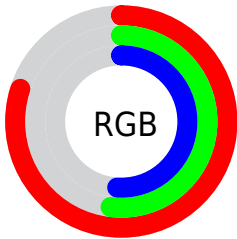
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 205, 132, 130 |
| Decimal | 13468802 |
| CIE _{Lab} | 62.59, 27.85, 12.79 |
| CIE _{LCh} | 63, 30.642, 24.664 |
| Yxy | 31.0934, 0.3998, 0.3318 |
| Android (android.graphics.Color) | 4291658882 (0xFFCD8482) |
| YUV | 153.5990, -11.6343, 45.0787 |
| Hunter-Lab | 55.7615, 22.3237, 12.2953 |

Details

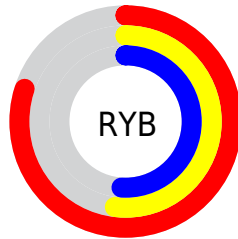
The XYZ color **37.4574, 31.0934, 25.1465** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **41.5804, 51.8635, 65.5768**, and the grayscale version is **30.5761, 32.1684, 35.0314**.

A 20% lighter version of the original color is **67.3461, 59.7967, 52.7921**, and **16.8221, 12.8685, 9.3818** is the 20% darker color. If you saturate the color by 10%, you get **33.7643, 25.6942, 17.7897**, and if you desaturate by 10%, it is **41.9437, 37.6401, 34.1207**.

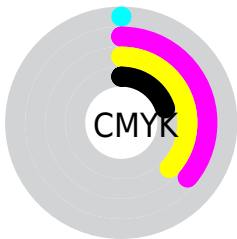
Distribution



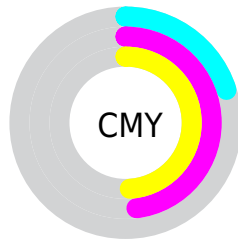
- Red (80%)
- Green (52%)
- Blue (51%)



- Red (80%)
- Yellow (52%)
- Blue (51%)



- Cyan (0%)
- Magenta (36%)
- Yellow (37%)
- Black (20%)




- Cyan (20%)
- Magenta (48%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 37.4574, 31.0934, 25.1465 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 37.4574, 31.0934, 25.1465 by changing the saturation by 10% instead.


 37.4574, 31.0934,
25.1465


 37.4574, 31.0934,
25.1465


326.6078,
306.9684, 292.0377

 25.7371, 20.6700,
15.9662


 70.5850, 61.3871,
52.8619

 16.7587, 12.8830,
9.3462

 92.7230, 82.0262,
72.2340

 10.1569, 7.3480,
4.8678


 119.0643,
106.8392, 95.8405

 5.5661, 3.6807,
2.1125

149.9743,
136.2107, 124.1000

 2.6212, 1.4966,
0.6232

185.8183,
170.5249, 157.4309

 0.9568, 0.2863,
0.0000

226.9616,

 0.0000, 0.0000,

210.1664, 196.2518

0.0000

273.7697,
255.5194, 240.9812

■ 37.4574, 31.0934,
25.1465

■ 37.4574, 31.0934,
25.1465

■ 33.7643, 25.6942,
17.7897

■ 41.9437, 37.6401,
34.1207

■ 30.8160, 21.3723,
11.9525

■ 47.2630, 45.3902,
44.7987

■ 28.5626, 18.0567,
7.5292

■ 53.4554, 54.4015,
57.2629

■ 26.9472, 15.6662,
4.4000

■ 60.5577, 64.7267,
71.5898

■ 25.9037, 14.1069,
2.4252

■ 68.6045, 76.4155,
87.8515

■ 25.3503, 13.2646,
1.4253

■ 77.6286, 89.5150,
106.1161

■ 25.2363, 13.0981,
1.1981

■ 78.9869, 91.7192,
108.1483

Harmonies

Analogous

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



38.2796, 31.0934, 36.0366



37.4574, 31.0934, 25.1465



34.4389, 31.0934, 18.3620

Triad

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



37.4574, 31.0934, 25.1465



23.4816, 31.0934, 22.2327



28.8138, 31.0934, 62.2611

Complementary

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



37.4574, 31.0934, 25.1465



41.5804, 51.8635, 65.5768

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.



25.1532, 31.0934, 56.2626



37.4574, 31.0934, 25.1465



22.2656, 31.0934, 31.7641

Square

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



37.4574, 31.0934, 25.1465



26.3313, 31.0934, 16.9778



22.8476, 31.0934, 44.3735



33.0281, 31.0934, 59.3129

Rectangle

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



37.4574, 31.0934, 25.1465



31.7256, 31.0934, 16.1841



22.8476, 31.0934, 44.3735



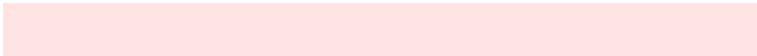
27.4826, 31.0934, 61.1890

Sweetspot

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



37.4582, 31.0949, 25.1471



82.7591, 82.1250, 84.1267



44.0288, 33.2923, 61.0752



17.4168, 17.1459, 17.4088



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.



37.4582, 31.0949, 25.1471



56.4307, 43.7329, 31.3743



43.3478, 42.8741, 27.1103



11.2360, 11.2609, 11.6608



15.7216, 8.1762, 0.7495



0.8197, 0.4390, 0.0415

Inverse Universe

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



41.5804, 51.8635, 65.5768



64.1539, 82.6634, 107.1821



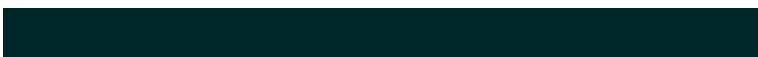
33.9074, 36.5173, 63.0191



11.5166, 12.6736, 14.4096



19.6609, 28.3457, 40.3913



1.0226, 1.4789, 2.0865

Previews

White Background



This preview shows how the XYZ color 37.4574, 31.0934, 25.1465 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 37.4574, 31.0934, 25.1465 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

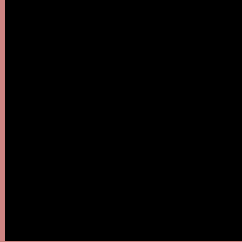
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 37.4574, 31.0934, 25.1465

Background



This preview shows how black text looks on a background with the XYZ color 37.4574, 31.0934, 25.1465.



This preview shows how white text looks on a background with the XYZ color 37.4574, 31.0934,

25.1465.

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

37.4574, 31.0934, 25.1465

Protanopia

29.7049, 31.1948, 29.2665

Deuteranopia

31.7888, 31.2040, 24.4262



Tritanopia

38.1699, 30.9805, 28.7790

Trichromacy



Original Color

37.4574, 31.0934, 25.1465

Protanomaly

31.8728, 30.7228, 27.5428

Deuteranomaly

33.6709, 31.0474, 24.6402

Tritanomaly

38.0138, 31.1320, 27.2981

Monochromacy



Original Color

37.4574, 31.0934, 25.1465

Achromatopsia

30.7148, 32.3143, 35.1903

Achromatomaly

32.6233, 31.4863, 31.1461

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.4574, 31.0934, 25.1465 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(205, 132, 130)` looks like.

```
.text, #text, p{  
    color:rgb(205, 132, 130)  
}
```

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(205, 132, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 132, 130) }
```

Border

The CSS property to change the border of an element to XYZ 37.4574, 31.0934, 25.1465 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(205, 132, 130) }
```


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

```
.border{ border-color:rgb(205, 132, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 132, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 132, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 132, 130);  
box-shadow:4px 4px 4px 4px rgb(205, 132,  
130) }
```

Background

The CSS property to change the background color of an element to XYZ 37.4574, 31.0934, 25.1465 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 132, 130) }
```

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

```
.background{ background-color: rgb(205,  
132, 130) }
```

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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