

Converting Colors

XYZ(31.2932, 30.5674, 25.3351)

Have a look what the booklet for
XYZ(31.2932, 30.5674, 25.3351)
contains.

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Color

**XYZ(31.2361, 30.4425,
25.3488)**

Conversions

Conversions Part 1

Format	Color
Hex	AD9082
RGB	173, 144, 130
RGB Percent	68%, 56%, 51%
CMY	0.3216, 0.4353, 0.4902
CMYK	0.00, 0.17, 0.25, 0.32
HSL	20°, 21%, 59%
HSV	20°, 25%, 68%
XYZ	31.2361, 30.4425, 25.3488
YIQ	151.0750, 21.7780, 1.7940

Conversions

Conversions Part 2

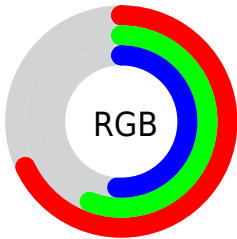
Format	Color
RYB	173, 151, 130
Decimal	11374722
CIELab	62.03, 8.69, 11.51
CIELCh	62, 14.420, 52.935
Yxy	30.4425, 0.3589, 0.3498
Android (android.graphics.Color)	4289564802 (0xFFAD9082)
YUV	151.0750, -10.3900, 19.2282
Hunter-Lab	55.1747, 4.4986, 11.3828

Details

The XYZ color **31.2361, 30.4425, 25.3488** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **29.1465, 32.5582, 44.2834**, and the grayscale version is **29.4847, 31.0202, 33.7810**.

A 20% lighter version of the original color is **61.0544, 60.4651, 53.2528**, and **13.2336, 12.5926, 9.5177** is the 20% darker color. If you saturate the color by 10%, you get **28.4947, 26.6643, 19.1796**, and if you desaturate by 10%, it is **34.3570, 34.6668, 32.6084**.

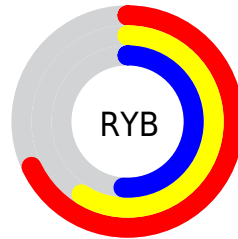
Distribution



Red (68%)

Green (56%)

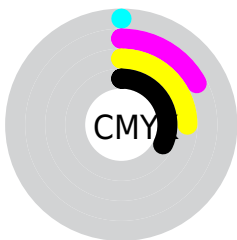
Blue (51%)



Red (68%)

Yellow (59%)

Blue (51%)

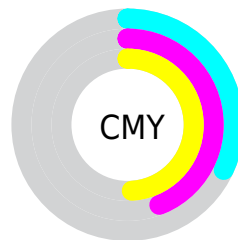


Cyan (0%)

Magenta (17%)

Yellow (25%)

Black (32%)



Cyan (32%)


Magenta (44%)


Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 31.2361, 30.4425, 25.3488 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 31.2361, 30.4425, 25.3488 by changing the saturation by 10% instead.


 31.2361, 30.4425,
25.3488

 31.2361, 30.4425,
25.3488


299.4321,
303.9616, 293.0736


 20.9314, 20.1747,
16.1157


 60.9849, 60.3613,
53.1936

 13.1860, 12.5221,
9.4508


 81.1597, 80.7810,
72.6425

 7.6347, 7.1003,
4.9356


 105.3553,
105.3536, 96.3337

 3.9119, 3.5249,
2.1514

133.9370,
134.4632, 124.6857

 1.6524, 1.4115,
0.6461

167.2702,
168.4945, 158.1172

 0.4262, 0.2252,
0.0000

205.7202,

 0.0000, 0.0000,

207.8317, 197.0467

0.0000

249.6523,
252.8593, 241.8926

■ 31.2361, 30.4425,
25.3488

■ 31.2361, 30.4425,
25.3488

■ 28.4947, 26.6643,
19.1796

■ 34.3570, 34.6668,
32.6084

■ 26.1151, 23.3131,
14.0458

■ 37.8693, 39.3473,
41.0062

■ 24.0817, 20.3745,
9.8902

■ 41.7875, 44.4988,
50.5892

■ 22.3768, 17.8315,
6.6493

■ 46.1244, 50.1343,
61.4013

■ 20.9808, 15.6661,
4.2521

■ 50.8923, 56.2663,
73.4842

■ 19.8717, 13.8585,
2.6167

■ 56.1030, 62.9067,
86.8776

■ 19.0237, 12.3864,
1.6438

■ 61.7679, 70.0671,
101.6194

■ 18.6643, 11.7457,
1.2834

■ 65.6641, 76.8653,
105.9834

■ 69.1588, 83.8546,
107.1482

Harmonies

Analogous

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



32.4990, 30.4425, 29.1645



31.2361, 30.4425, 25.3488



29.3948, 30.4425, 23.6549

Triad

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



31.2361, 30.4425, 25.3488



25.3964, 30.4425, 31.8531



30.4093, 30.4425, 43.9627

Complementary

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



31.2361, 30.4425, 25.3488



29.1465, 32.5582, 44.2834

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.



28.4794, 30.4425, 44.8886



31.2361, 30.4425, 25.3488



25.6410, 30.4425, 37.4759

Square

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



31.2361, 30.4425, 25.3488



26.0656, 30.4425, 27.1291



26.7492, 30.4425, 42.3993



32.0070, 30.4425, 39.9943

Rectangle

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



31.2361, 30.4425, 25.3488



28.1096, 30.4425, 23.8066



26.7492, 30.4425, 42.3993



29.7757, 30.4425, 44.6570

Sweetspot

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



31.2369, 30.4439, 25.3494



66.3330, 68.4953, 69.8466



31.5078, 27.3664, 36.5974



14.3362, 14.7801, 14.9882



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.



31.2369, 30.4439, 25.3494



53.0781, 50.5901, 38.9015



34.7392, 37.4485, 26.5169



8.2103, 8.4254, 8.4069



13.7588, 8.7231, 0.9586



0.4333, 0.3438, 0.0435

Inverse Universe

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



29.1465, 32.5582, 44.2834



48.6615, 55.0445, 78.8657



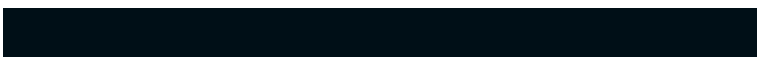
25.8209, 25.9069, 43.1749



8.0132, 8.6257, 10.1953



10.2392, 11.6122, 30.7462



0.3318, 0.4169, 0.8710

Previews

White Background



This preview shows how the XYZ color 31.2361, 30.4425, 25.3488 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 31.2361, 30.4425, 25.3488 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

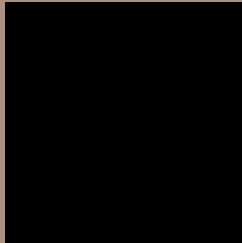
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 31.2361, 30.4425, 25.3488

Background



This preview shows how black text looks on a background with the XYZ color 31.2361, 30.4425, 25.3488.



This preview shows how white text looks on a background with the XYZ color 31.2361, 30.4425,

25.3488.

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

31.2361, 30.4425, 25.3488

Protanopia

29.0446, 30.6742, 26.5802

Deuteranopia

31.0158, 30.3289, 25.3384



Tritanopia

33.0969, 30.5469, 33.8575

Trichromacy



Original Color

31.2361, 30.4425, 25.3488

Protanomaly

29.8590, 30.6323, 26.1687

Deuteranomaly

31.0158, 30.3289, 25.3384

Tritanomaly

32.3862, 30.4736, 30.5606

Monochromacy



Original Color

31.2361, 30.4425, 25.3488

Achromatopsia

29.4150, 30.9469, 33.7012

Achromatomaly

29.8459, 30.5339, 30.3072

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.2361, 30.4425, 25.3488 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, 144, 130)` looks like.

```
.text, #text, p{  
    color:rgb(173, 144, 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(173, 144, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 144, 130) }
```

Border

The CSS property to change the border of an element to XYZ 31.2361, 30.4425, 25.3488 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, 144, 130) }
```


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

```
.border{ border-color:rgb(173, 144, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 144, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 144, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 144, 130);  
box-shadow:4px 4px 4px 4px rgb(173, 144,  
130) }
```

Background

The CSS property to change the background color of an element to XYZ 31.2361, 30.4425, 25.3488 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 144, 130) }
```

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

```
.background{ background-color: rgb(173,  
144, 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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