

Converting Colors

XYZ(26.2281, 24.2470, 12.4130)

Have a look what the booklet for
XYZ(26.2281, 24.2470, 12.4130)
contains.

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Color

**XYZ(26.2875, 24.2396,
12.3100)**

Conversions

Conversions Part 1

Format	Color
Hex	AD7D57
RGB	173, 125, 87
RGB Percent	68%, 49%, 34%
CMY	0.3216, 0.5098, 0.6588
CMYK	0.00, 0.28, 0.50, 0.32
HSL	27°, 34%, 51%
HSV	27°, 50%, 68%
XYZ	26.2875, 24.2396, 12.3100
YIQ	135.0200, 40.8060, -1.6420

Conversions

Conversions Part 2

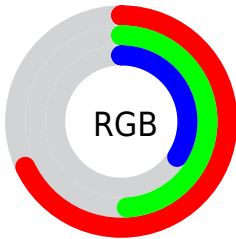
Format	Color
RYB	173, 155, 87
Decimal	11369815
CIELab	56.33, 14.01, 27.99
CIELCh	56, 31.305, 63.408
Yxy	24.2396, 0.4183, 0.3858
Android (android.graphics.Color)	4289559895 (0xFFAD7D57)
YUV	135.0200, -23.6739, 33.3085
Hunter-Lab	49.2337, 9.1480, 19.6392

Details

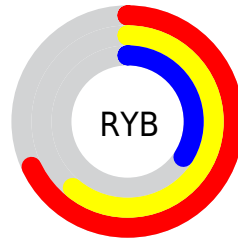
The XYZ color **26.2875, 24.2396, 12.3100** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **20.1368, 22.3703, 42.7916**, and the grayscale version is **23.1116, 24.3152, 26.4792**.

A 20% lighter version of the original color is **53.0689, 50.4699, 30.6115**, and **10.4559, 9.1805, 3.3188** is the 20% darker color. If you saturate the color by 10%, you get **24.5003, 21.6640, 8.6353**, and if you desaturate by 10%, it is **28.3641, 27.1229, 16.9173**.

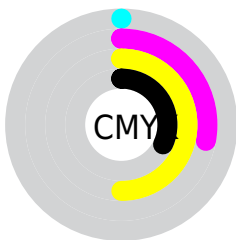
Distribution



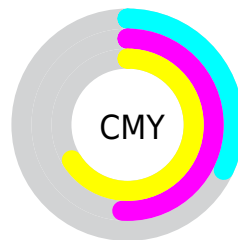
- Red (68%)
- Green (49%)
- Blue (34%)



- Red (68%)
- Yellow (61%)
- Blue (34%)



- Cyan (0%)
- Magenta (28%)
- Yellow (50%)
- Black (32%)



- Cyan (32%)
- Magenta (51%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.2875, 24.2396, 12.3100 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 26.2875, 24.2396, 12.3100 by changing the saturation by 10% instead.

■ 26.2875, 24.2396,
12.3100

■ 26.2875, 24.2396,
12.3100

276.4214,
274.0296, 217.4972

■ 17.1727, 15.5115,
6.8301

■ 53.1664, 50.4209,
30.7313

■ 10.4537, 9.1791,
3.2792

■ 71.6612, 68.6429,
44.5097

■ 5.7654, 4.8582,
1.2389

■ 94.0133, 90.7982,
61.8913

■ 2.7422, 2.1643,
0.0109

■ 120.5881,
117.2713, 83.2948

■ 1.0190, 0.7004,
0.0000

■ 151.7509,
148.4466, 109.1385

■ 0.0000, 0.0000,
0.0000

187.8672,

184.7085, 139.8412

229.3023,
226.4414, 175.8212

■ 26.2875, 24.2396,
12.3100

■ 26.2875, 24.2396,
12.3100

■ 24.5003, 21.6640,
8.6353

■ 28.3641, 27.1229,
16.9173

■ 22.9851, 19.3811,
5.8259

■ 30.7427, 30.3215,
22.5153

■ 21.7249, 17.3792,
3.8075

■ 33.4371, 33.8466,
29.1589

■ 20.6997, 15.6444,
2.4925

■ 36.4597, 37.7081,
36.8986

■ 19.8713, 14.1553,
1.6993

■ 39.8222, 41.9152,
45.7814

■ 19.8491, 14.1153,
1.6784

■ 43.5356, 46.4770,
55.8519

■ 47.6105, 51.4019,
67.1519

■ 52.0568, 56.6982,
79.7215

■ 56.8844, 62.3739,
93.5987

Harmonies

Analogous

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



29.3319, 24.2396, 16.8916



26.2875, 24.2396, 12.3100



22.6289, 24.2396, 11.1080

Triad

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



26.2875, 24.2396, 12.3100



16.7821, 24.2396, 27.5922



27.0756, 24.2396, 46.7054

Complementary

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



26.2875, 24.2396, 12.3100



20.1368, 22.3703, 42.7916

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.



23.4541, 24.2396, 51.6221



26.2875, 24.2396, 12.3100



17.7174, 24.2396, 38.9195

Square

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



26.2875, 24.2396, 12.3100



17.3734, 24.2396, 18.4577



20.0698, 24.2396, 48.4557



29.8192, 24.2396, 36.3276

Rectangle

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



26.2875, 24.2396, 12.3100



20.3903, 24.2396, 12.0315



20.0698, 24.2396, 48.4557



25.9078, 24.2396, 49.1588

Sweetspot

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



26.2881, 24.2408, 12.3105



62.2186, 63.6187, 58.1407



25.0668, 17.4708, 25.2445



13.2863, 13.5242, 12.0363



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.



26.2881, 24.2408, 12.3105



43.4883, 38.2222, 14.7049



32.8215, 37.3076, 14.4883



8.2856, 8.5760, 8.4320



14.6373, 10.4802, 1.2514



0.4623, 0.4017, 0.0532

Inverse Universe

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



20.1368, 22.3703, 42.7916



31.1394, 34.4399, 75.8121



15.3645, 12.8256, 41.2008



7.9356, 8.4706, 10.1694



8.7089, 8.5517, 30.2361



0.2956, 0.3446, 0.8589

Previews

White Background



This preview shows how the XYZ color 26.2875, 24.2396, 12.3100 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 26.2875, 24.2396, 12.3100 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 26.2875, 24.2396, 12.3100

Background



This preview shows how black text looks on a background with the XYZ color 26.2875, 24.2396, 12.3100.



This preview shows how white text looks on a background with the XYZ color 26.2875, 24.2396,

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

26.2875, 24.2396, 12.3100

Protanopia

22.5849, 24.2863, 13.3949

Deuteranopia

24.6342, 24.1589, 12.1689



Tritanopia

28.8104, 24.3650, 23.9533

Trichromacy



Original Color

26.2875, 24.2396, 12.3100

Protanomaly

23.6721, 24.0387, 13.0651

Deuteranomaly

25.3352, 24.3257, 12.1641

Tritanomaly

27.9013, 24.3641, 19.1518

Monochromacy



Original Color

26.2875, 24.2396, 12.3100

Achromatopsia

23.0288, 24.2281, 26.3844

Achromatomaly

23.7807, 23.9302, 20.5051

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.2875, 24.2396, 12.3100 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, 125, 87)` looks like.

```
.text, #text, p{  
    color:rgb(173, 125, 87)  
}
```

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, 125, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 125, 87) }
```

Border

The CSS property to change the border of an element to XYZ 26.2875, 24.2396, 12.3100 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, 125, 87) }
```


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

```
.border{ border-color:rgb(173, 125, 87) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 125, 87)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 125, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 125, 87);  
box-shadow:4px 4px 4px 4px rgb(173, 125,  
87) }
```

Background

The CSS property to change the background color of an element to XYZ 26.2875, 24.2396, 12.3100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 125, 87) }
```

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

```
.background{ background-color: rgb(173,  
125, 87) }
```

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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