

Converting Colors

XYZ(37.8265, 33.8704, 24.2826)

Have a look what the booklet for
XYZ(37.8265, 33.8704, 24.2826)
contains.

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Color

**XYZ(37.8265, 33.8704,
24.2826)**

Conversions

Conversions Part 1

Format	Color
Hex	C9907E
RGB	201, 144, 126
RGB Percent	79%, 56%, 49%
CMY	0.2118, 0.4353, 0.5059
CMYK	0.00, 0.28, 0.37, 0.21
HSL	14°, 41%, 64%
HSV	14°, 37%, 79%
XYZ	37.8265, 33.8704, 24.2826
YIQ	158.9910, 39.7500, 6.4860

Conversions

Conversions Part 2

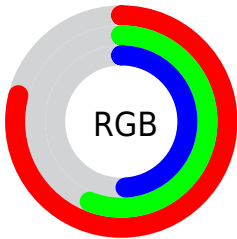
Format	Color
RYB	201, 150, 126
Decimal	13209726
CIELab	64.86, 19.25, 18.13
CIElCh	65, 26.441, 43.283
Yxy	33.8704, 0.3941, 0.3529
Android (android.graphics.Color)	4291399806 (0xFFC9907E)
YUV	158.9910, -16.2646, 36.8419
Hunter-Lab	58.1983, 14.1707, 16.0007

Details

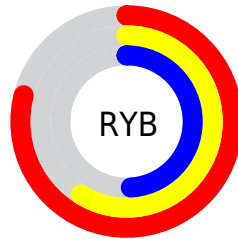
The XYZ color **37.8265, 33.8704, 24.2826** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **36.0795, 42.5178, 61.5633**, and the grayscale version is **33.0106, 34.7297, 37.8207**.

A 20% lighter version of the original color is **69.5708, 64.9028, 51.5085**, and **16.9310, 14.3843, 8.9053** is the 20% darker color. If you saturate the color by 10%, you get **34.4985, 29.0857, 17.4046**, and if you desaturate by 10%, it is **41.7299, 39.3887, 32.6387**.

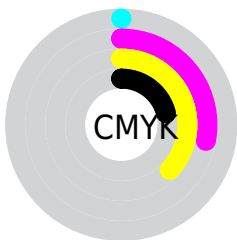
Distribution



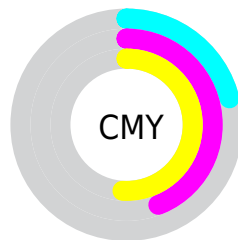
- Red (79%)
- Green (56%)
- Blue (49%)



- Red (79%)
- Yellow (59%)
- Blue (49%)



- Cyan (0%)
- Magenta (28%)
- Yellow (37%)
- Black (21%)





- Cyan (21%)
- Magenta (44%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 37.8265, 33.8704, 24.2826 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 37.8265, 33.8704, 24.2826 by changing the saturation by 10% instead.


 37.8265, 33.8704,
24.2826


 37.8265, 33.8704,
24.2826


328.1689,
319.5538, 287.5785


 26.0247, 22.7941,
15.3293


 71.1477, 65.7321,
51.4406

 16.9749, 14.4415,
8.9016


 93.3979, 87.2862,
70.4823

 10.3118, 8.4284,
4.5811


 119.8614,
113.1017, 93.7238

 5.6700, 4.3703,
1.9493

150.9039,
143.5630, 121.5838

 2.6842, 1.8828,
0.5238

186.8904,
179.0544, 154.4807

 0.9891, 0.5380,
0.0000

228.1866,

 0.0000, 0.0000,

219.9605, 192.8331

0.0000

275.1576,
266.6654, 237.0596

■ 37.8265, 33.8704,
24.2826

■ 37.8265, 33.8704,
24.2826

■ 34.4985, 29.0857,
17.4046

■ 41.7299, 39.3887,
32.6387

■ 31.7152, 24.9984,
11.9158

■ 46.2322, 45.6650,
42.5507

■ 29.4466, 21.5766,
7.7209


■ 51.3589, 52.7286,
54.0931


■ 27.6587, 18.7838,
4.7116


■ 57.1330, 60.6058,
67.3351


■ 26.3132, 16.5797,
2.7616

■ 63.5765, 69.3216,
82.3420

 25.3609, 14.9173,
1.6978

 70.7102, 78.9000,
99.1756

 25.1546, 14.5521,
1.4830

 76.6122, 88.5872,
107.6689

 77.8973, 91.1575,
108.0973

Harmonies

Analogous

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



39.8630, 33.8704, 32.2651



37.8265, 33.8704, 24.2826



34.3467, 33.8704, 20.2121

Triad

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



37.8265, 33.8704, 24.2826



25.6732, 33.8704, 31.1666



33.9057, 33.8704, 61.3024

Complementary

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



37.8265, 33.8704, 24.2826



36.0795, 42.5178, 61.5633

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.



30.1309, 33.8704, 60.8468



37.8265, 33.8704, 24.2826



25.5756, 33.8704, 41.9132

Square

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



37.8265, 33.8704, 24.2826



27.4263, 33.8704, 23.6157



27.1482, 33.8704, 53.2168



37.4818, 33.8704, 54.3606

Rectangle

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



37.8265, 33.8704, 24.2826



31.7751, 33.8704, 19.6466



27.1482, 33.8704, 53.2168



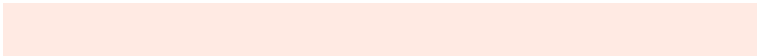
32.6142, 33.8704, 62.0448

Sweetspot

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



37.8274, 33.8720, 24.2833



84.4311, 85.4690, 84.6840



40.1477, 30.7792, 48.8981



17.8120, 17.9362, 17.5405



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.



37.8274, 33.8720, 24.2833



59.9573, 51.0912, 31.6092



44.3772, 46.9716, 26.4665



10.8372, 11.0435, 11.1232



15.8766, 9.2704, 0.9526



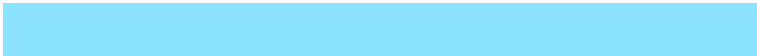
0.8101, 0.5557, 0.0646

Inverse Universe

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



36.0795, 42.5178, 61.5633



56.5005, 68.0034, 104.7558



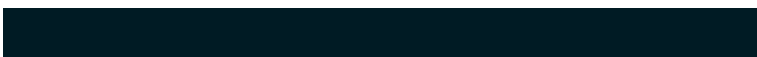
29.4259, 29.2107, 59.3455



10.7226, 11.6194, 13.5951



13.8392, 17.0723, 37.3102



0.7088, 0.9154, 1.7845

Previews

White Background



This preview shows how the XYZ color 37.8265, 33.8704, 24.2826 looks on a white background.

Color Contrast Check

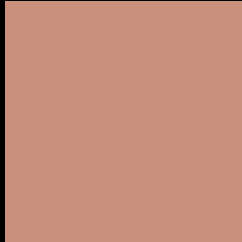
Large Text (above 18pt) WCAG AA × Fail

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 37.8265, 33.8704, 24.2826 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 37.8265, 33.8704, 24.2826

Background



This preview shows how black text looks on a background with the XYZ color 37.8265, 33.8704, 24.2826.



This preview shows how white text looks on a background with the XYZ color 37.8265, 33.8704,

24.2826.

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

37.8265, 33.8704, 24.2826

Protanopia

31.9477, 33.8869, 26.6868

Deuteranopia

34.5354, 33.8042, 24.1067



Tritanopia

39.5926, 33.6870, 33.6936

Trichromacy



Original Color

37.8265, 33.8704, 24.2826

Protanomaly

33.8479, 33.6519, 25.8306

Deuteranomaly

35.5268, 33.6076, 24.0165

Tritanomaly

38.7645, 33.5593, 30.0257

Monochromacy



Original Color

37.8265, 33.8704, 24.2826

Achromatopsia

32.9542, 34.6704, 37.7561

Achromatomaly

34.2776, 34.2165, 32.4016

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.8265, 33.8704, 24.2826 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(201, 144, 126)` looks like.

```
.text, #text, p{  
    color:rgb(201, 144, 126)  
}
```

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(201, 144, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 144, 126) }
```

Border

The CSS property to change the border of an element to XYZ 37.8265, 33.8704, 24.2826 is called "border". The border property can be set on classes, ids or directly on the HTML element.

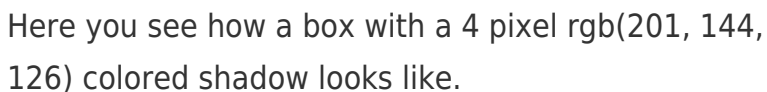
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(201, 144, 126) }
```


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

```
.border{ border-color:rgb(201, 144, 126) }
```

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



Here you see how a box with a 4 pixel `rgb(201, 144, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 144, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 144, 126);  
box-shadow:4px 4px 4px 4px rgb(201, 144,  
126) }
```

Background

The CSS property to change the background color of an element to XYZ 37.8265, 33.8704, 24.2826 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 144, 126) }
```

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

```
.background{ background-color: rgb(201,  
144, 126) }
```

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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