

Converting Colors

XYZ(36.7461, 33.8113, 24.4728)

Have a look what the booklet for
XYZ(36.7461, 33.8113, 24.4728)
contains.

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Color

**XYZ(36.8097, 33.7999,
24.3226)**

Conversions

Conversions Part 1

Format	Color
Hex	C4927E
RGB	196, 146, 126
RGB Percent	77%, 57%, 49%
CMY	0.2314, 0.4274, 0.5059
CMYK	0.00, 0.26, 0.36, 0.23
HSL	17°, 37%, 63%
HSV	17°, 36%, 77%
XYZ	36.8097, 33.7999, 24.3226
YIQ	158.6700, 36.2200, 4.3800

Conversions

Conversions Part 2

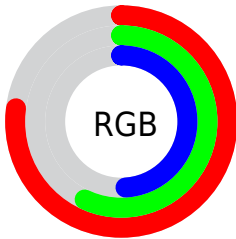
Format	Color
RYB	196, 154, 126
Decimal	12882558
CIELab	64.80, 16.16, 17.96
CIELCh	65, 24.167, 48.018
Yxy	33.7999, 0.3877, 0.3560
Android (android.graphics.Color)	4291072638 (0xFFC4927E)
YUV	158.6700, -16.1063, 32.7384
Hunter-Lab	58.1377, 11.2758, 15.8917

Details

The XYZ color **36.8097, 33.7999, 24.3226** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **34.0927, 39.4703, 58.0461**, and the grayscale version is **32.8643, 34.5758, 37.6531**.

A 20% lighter version of the original color is **69.6640, 65.6341, 51.6448**, and **16.4163, 14.3830, 8.9321** is the 20% darker color. If you saturate the color by 10%, you get **33.6395, 29.2890, 17.6257**, and if you desaturate by 10%, it is **40.4937, 38.9417, 32.4140**.

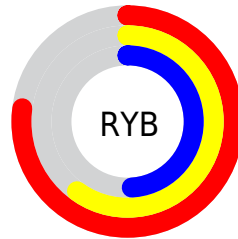
Distribution



Red (77%)

Green (57%)

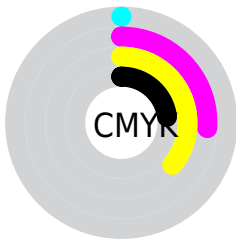
Blue (49%)



Red (77%)

Yellow (60%)

Blue (49%)

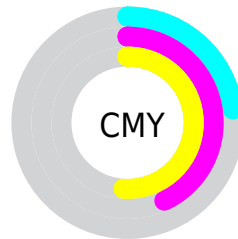


Cyan (0%)

Magenta (26%)

Yellow (36%)

Black (23%)



Cyan (23%)


Magenta (43%)


Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 36.8097, 33.7999, 24.3226 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 36.8097, 33.7999, 24.3226 by changing the saturation by 10% instead.


 36.8097, 33.7999,
24.3226


 36.8097, 33.7999,
24.3226


323.8558,
319.2389, 287.7863


 25.2332, 22.7399,
15.3587


 69.5957, 65.6224,
51.5065

 16.3805, 14.4016,
8.9221


 91.5360, 87.1537,
70.5637

 9.8864, 8.4005,
4.5943


 117.6615,
112.9442, 93.8222

 5.3854, 4.3523,
1.9567

148.3376,
143.3783, 121.7009

 2.5122, 1.8725,
0.5285

183.9298,
178.8404, 154.6180

 0.9014, 0.5318,
0.0000

224.8033,

 0.0000, 0.0000,

219.7150, 192.9923

0.0000

271.3235,
266.3863, 237.2422

■ 36.8097, 33.7999,
24.3226

■ 36.8097, 33.7999,
24.3226

■ 33.6395, 29.2890,
17.6257

■ 40.4937, 38.9417,
32.4140

■ 30.9564, 25.3793,
12.2414

■ 44.7114, 44.7328,
41.9711

■ 28.7353, 22.0458,
8.0826


■ 49.4844, 51.1972,
53.0629


■ 26.9472, 19.2599,
5.0506


■ 54.8328, 58.3558,
65.7531


■ 25.5598, 16.9900,
3.0309

■ 60.7752, 66.2288,
80.1021

 24.5343, 15.2008,
1.8822

 67.3297, 74.8356,
96.1668

 24.1797, 14.5653,
1.5370

 73.1646, 83.6550,
106.8986

 76.5749, 90.4757,
108.0354

Harmonies

Analogous

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



38.9139, 33.7999, 31.1906



36.8097, 33.7999, 24.3226



33.5342, 33.7999, 21.0670

Triad

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



36.8097, 33.7999, 24.3226



26.0182, 33.7999, 32.9678



34.2390, 33.7999, 58.1845

Complementary

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



36.8097, 33.7999, 24.3226



34.0927, 39.4703, 58.0461

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.



30.7574, 33.7999, 58.8957



36.8097, 33.7999, 24.3226



26.1769, 33.7999, 43.0498

Square

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



36.8097, 33.7999, 24.3226



27.4068, 33.7999, 25.4207



27.8571, 33.7999, 52.9536



37.3576, 33.7999, 51.1569

Rectangle

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



36.8097, 33.7999, 24.3226



31.2020, 33.7999, 20.9088



27.8571, 33.7999, 52.9536



33.0676, 33.7999, 59.2110

Sweetspot

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



36.8106, 33.8015, 24.3233



84.7968, 86.2005, 84.8060



38.0789, 29.7990, 44.9057



17.8986, 18.1095, 17.5694



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.



36.8106, 33.8015, 24.3233



62.0380, 54.6353, 34.2057



43.0209, 46.2222, 26.3934



10.3024, 10.5363, 10.5526



15.6010, 9.4877, 1.0091



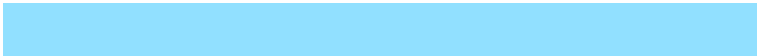
0.7348, 0.5315, 0.0639

Inverse Universe

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



34.0927, 39.4703, 58.0461



56.3544, 66.4028, 104.4546



28.1178, 27.5204, 56.0545



10.1175, 10.9263, 12.8606



12.5033, 14.7631, 35.7472



0.5966, 0.7507, 1.5633

Previews

White Background



This preview shows how the XYZ color 36.8097, 33.7999, 24.3226 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 36.8097, 33.7999, 24.3226 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 36.8097, 33.7999, 24.3226

Background



This preview shows how black text looks on a background with the XYZ color 36.8097, 33.7999, 24.3226.



This preview shows how white text looks on a background with the XYZ color 36.8097, 33.7999,

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

36.8097, 33.7999, 24.3226

Protanopia

31.8796, 33.8596, 26.3281

Deuteranopia

34.5354, 33.8042, 24.1067



Tritanopia

38.9760, 33.7880, 34.6045

Trichromacy



Original Color

36.8097, 33.7999, 24.3226

Protanomaly

33.4851, 33.7146, 25.5116

Deuteranomaly

35.1882, 33.6669, 24.0458

Tritanomaly

38.0691, 33.6339, 30.4721

Monochromacy



Original Color

36.8097, 33.7999, 24.3226

Achromatopsia

32.9542, 34.6704, 37.7561

Achromatomaly

33.8353, 33.9884, 32.3809

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.8097, 33.7999, 24.3226 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(196, 146, 126)` looks like.

```
.text, #text, p{  
    color:rgb(196, 146, 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(196, 146, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 146, 126) }
```

Border

The CSS property to change the border of an element to XYZ 36.8097, 33.7999, 24.3226 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(196, 146, 126) }
```


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

```
.border{ border-color:rgb(196, 146, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 146, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 146, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 146, 126);  
box-shadow:4px 4px 4px 4px rgb(196, 146,  
126) }
```

Background

The CSS property to change the background color of an element to XYZ 36.8097, 33.7999, 24.3226 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 146, 126) }
```

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

```
.background{ background-color: rgb(196,  
146, 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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