

Converting Colors

XYZ(37.7747, 36.7015, 24.1619)

Have a look what the booklet for
XYZ(37.7747, 36.7015, 24.1619)
contains.

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Color

**XYZ(37.7747, 36.7015,
24.1619)**

Conversions

Conversions Part 1

Format	Color
Hex	C29C7C
RGB	194, 156, 124
RGB Percent	76%, 61%, 49%
CMY	0.2392, 0.3882, 0.5137
CMYK	0.00, 0.20, 0.36, 0.24
HSL	27°, 36%, 62%
HSV	27°, 36%, 76%
XYZ	37.7747, 36.7015, 24.1619
YIQ	163.7140, 32.9200, -1.8960

Conversions

Conversions Part 2

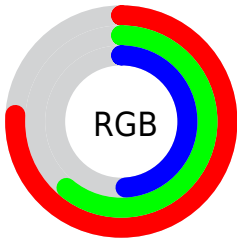
Format	Color
R _Y B	194, 183, 124
Decimal	12754044
CIE Lab	67.05, 9.63, 22.11
CIE LCh	67, 24.115, 66.468
Yxy	36.7015, 0.3830, 0.3721
Android (android.graphics.Color)	4290944124 (0xFFC29C7C)
YUV	163.7140, -19.5790, 26.5608
Hunter-Lab	60.5818, 5.2825, 18.7605

Details

The XYZ color **37.7747, 36.7015, 24.1619** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **30.9697, 34.0196, 55.9732**, and the grayscale version is **35.2306, 37.0653, 40.3641**.

A 20% lighter version of the original color is **71.1273, 69.9630, 51.3504**, and **16.9690, 16.1001, 8.8699** is the 20% darker color. If you saturate the color by 10%, you get **34.9756, 32.8773, 17.7599**, and if you desaturate by 10%, it is **40.9703, 40.9321, 31.8876**.

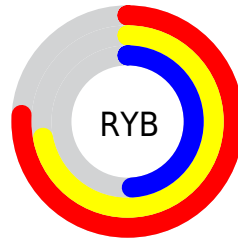
Distribution



Red (76%)

Green (61%)

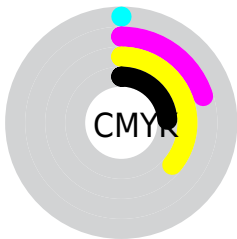
Blue (49%)



Red (76%)

Yellow (72%)

Blue (49%)

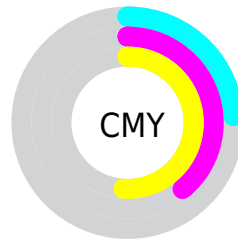


Cyan (0%)

Magenta (20%)

Yellow (36%)

Black (24%)



Cyan (24%)

Magenta (39%)

Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 37.7747, 36.7015, 24.1619 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 37.7747, 36.7015, 24.1619 by changing the saturation by 10% instead.


 37.7747, 36.7015,
24.1619


 37.7747, 36.7015,
24.1619

327.9501,
332.0164, 286.9508

 25.9843, 24.9765,
15.2405


 71.0688, 70.1135,
51.2414

 16.9445, 16.0595,
8.8398


 93.3032, 92.5692,
70.2365

 10.2900, 9.5663,
4.5415


 119.7497,
119.3705, 93.4267

 5.6554, 5.1123,
1.9268

150.7735,
150.9020, 121.2303

 2.6753, 2.3133,
0.5097

186.7402,
187.5479, 154.0660

 0.9845, 0.7808,
0.0000

228.0149,

 0.0000, 0.0000,

229.6927, 192.3523

0.0000

274.9631,
277.7207, 236.5077

■ 37.7747, 36.7015,
24.1619

■ 37.7747, 36.7015,
24.1619

■ 34.9756, 32.8773,
17.7599

■ 40.9703, 40.9321,
31.8876

■ 32.5521, 29.4409,
12.6033

■ 44.5763, 45.5767,
41.0048

■ 30.4854, 26.3797,
8.6086


■ 48.6095, 50.6490,
51.5794


■ 28.7535, 23.6782,
5.6813


■ 53.0846, 56.1606,
63.6722


■ 27.3315, 21.3195,
3.7115


■ 58.0157, 62.1223,
77.3406


 26.1887, 19.2837,
2.5601

 63.4163, 68.5449,
92.6391

 25.7954, 18.5639,
2.2236

 68.5162, 75.1255,
105.4972

 71.5310, 81.1551,
106.5022

 74.7258, 87.5447,
107.5671

Harmonies

Analogous

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



40.8656, 36.7015, 29.1224



37.7747, 36.7015, 24.1619



34.0955, 36.7015, 23.0701

Triad

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



37.7747, 36.7015, 24.1619



28.3372, 36.7015, 42.2796



39.2439, 36.7015, 58.4963

Complementary

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



37.7747, 36.7015, 24.1619



30.9697, 34.0196, 55.9732

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.



35.6839, 36.7015, 63.5673



37.7747, 36.7015, 24.1619



29.5160, 36.7015, 53.2034

Square

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



37.7747, 36.7015, 24.1619



28.8112, 36.7015, 32.4306



32.1441, 36.7015, 61.4778



41.7545, 36.7015, 48.5768

Rectangle

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



37.7747, 36.7015, 24.1619



31.8350, 36.7015, 24.4759



32.1441, 36.7015, 61.4778



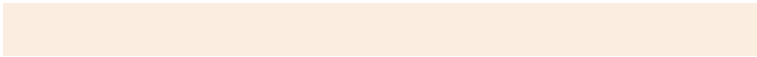
38.1210, 36.7015, 60.8969

Sweetspot

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



37.7756, 36.7032, 24.1626



84.2485, 86.9852, 83.3553



36.0222, 28.5115, 38.0209



18.2300, 18.7723, 17.6799



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.



37.7756, 36.7032, 24.1626



64.5210, 61.1636, 34.7492



44.4083, 49.9686, 26.3735



10.4441, 10.8196, 10.5998



17.0397, 12.3651, 1.4886



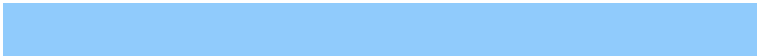
0.8051, 0.6719, 0.0873

Inverse Universe

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



30.9697, 34.0196, 55.9732



50.4388, 55.6032, 100.5439



25.7043, 23.4888, 54.2180



9.9711, 10.6335, 12.8118



9.8266, 9.4097, 34.8550



0.4928, 0.5431, 1.5287

Previews

White Background



This preview shows how the XYZ color 37.7747, 36.7015, 24.1619 looks on a white background.

Color Contrast Check

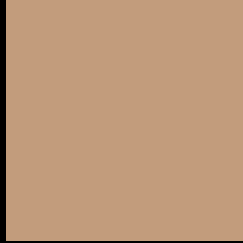
Large Text (above 18pt) WCAG AA × Fail

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 37.7747, 36.7015, 24.1619 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

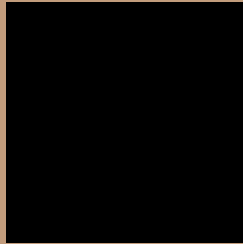
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 37.7747, 36.7015, 24.1619

Background



This preview shows how black text looks on a background with the XYZ color 37.7747, 36.7015, 24.1619.



This preview shows how white text looks on a background with the XYZ color 37.7747, 36.7015,

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

37.7747, 36.7015, 24.1619

Protanopia

34.3835, 36.7254, 25.3552

Deuteranopia

37.4333, 36.7756, 24.1942



Tritanopia

40.8769, 36.7476, 39.1210

Trichromacy



Original Color

37.7747, 36.7015, 24.1619

Protanomaly

35.3928, 36.4717, 24.9130

Deuteranomaly

37.6874, 36.9066, 24.2061

Tritanomaly

39.7625, 36.7909, 33.0226

Monochromacy



Original Color

37.7747, 36.7015, 24.1619

Achromatopsia

35.2861, 37.1238, 40.4278

Achromatomaly

35.8489, 36.7736, 33.6424

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.7747, 36.7015, 24.1619 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(194, 156, 124)` looks like.

```
.text, #text, p{  
    color:rgb(194, 156, 124)  
}
```

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(194, 156, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 156, 124) }
```

Border

The CSS property to change the border of an element to XYZ 37.7747, 36.7015, 24.1619 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(194, 156, 124) }
```


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

```
.border{ border-color:rgb(194, 156, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 156, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 156, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 156, 124);  
box-shadow:4px 4px 4px 4px rgb(194, 156,  
124) }
```

Background

The CSS property to change the background color of an element to XYZ 37.7747, 36.7015, 24.1619 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 156, 124) }
```

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

```
.background{ background-color: rgb(194,  
156, 124) }
```

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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