

Converting Colors

XYZ(36.7182, 33.6347, 25.1572)

Have a look what the booklet for
XYZ(36.7182, 33.6347, 25.1572)
contains.

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Color

**XYZ(36.7470, 33.7448,
25.3455)**

Conversions

Conversions Part 1

Format	Color
Hex	C39281
RGB	195, 146, 129
RGB Percent	76%, 57%, 51%
CMY	0.2353, 0.4274, 0.4941
CMYK	0.00, 0.25, 0.34, 0.24
HSL	15°, 35%, 64%
HSV	15°, 34%, 76%
XYZ	36.7470, 33.7448, 25.3455
YIQ	158.7130, 34.6610, 5.1010

Conversions

Conversions Part 2

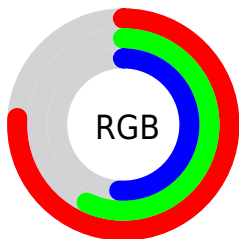
Format	Color
R_{YB}	195, 152, 129
Decimal	12817025
CIE _{Lab}	64.76, 16.15, 16.21
CIE _{LCh}	65, 22.881, 45.112
Yxy	33.7448, 0.3834, 0.3521
Android (android.graphics.Color)	4291007105 (0xFFC39281)
YUV	158.7130, -14.6485, 31.8237
Hunter-Lab	58.0903, 11.2583, 14.7942

Details

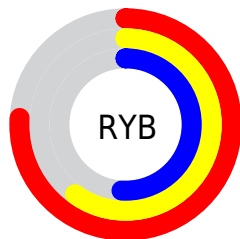
The XYZ color **36.7470, 33.7448, 25.3455** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **34.8235, 40.4468, 57.6015**, and the grayscale version is **32.8780, 34.5902, 37.6687**.

A 20% lighter version of the original color is **69.6058, 65.5686, 53.2434**, and **16.3554, 14.3391, 9.4951** is the 20% darker color. If you saturate the color by 10%, you get **33.4806, 29.0921, 18.4606**, and if you desaturate by 10%, it is **40.5451, 39.0649, 33.6287**.

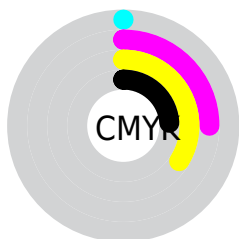
Distribution



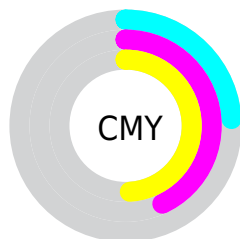
- Red (76%)
- Green (57%)
- Blue (51%)



- Red (76%)
- Yellow (60%)
- Blue (51%)



- Cyan (0%)
- Magenta (25%)
- Yellow (34%)
- Black (24%)




- Cyan (24%)
- Magenta (43%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 36.7470, 33.7448, 25.3455 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 36.7470, 33.7448, 25.3455 by changing the saturation by 10% instead.


 36.7470, 33.7448,
25.3455


 36.7470, 33.7448,
25.3455


323.5885,
318.9926, 293.0568


 25.1844, 22.6976,
16.1133


 69.4999, 65.5366,
53.1882

 16.3440, 14.3704,
9.4491

 91.4209, 87.0500,
72.6358

 9.8603, 8.3787,
4.9345


 117.5254,
112.8210, 96.3256

 5.3680, 4.3382,
2.1508

148.1788,
143.2339, 124.6762

 2.5017, 1.8645,
0.6458

183.7465,
178.6731, 158.1061

 0.8961, 0.5269,
0.0000

224.5937,

 0.0000, 0.0000,

219.5230, 197.0337

0.0000

271.0859,
266.1681, 241.8778

■ 36.7470, 33.7448,
25.3455

■ 36.7470, 33.7448,
25.3455

■ 33.4806, 29.0921,
18.4606

■ 40.5451, 39.0649,
33.6287

■ 30.7187, 25.0752,
12.8941

■ 44.8953, 45.0726,
43.3800

■ 28.4353, 21.6671,
8.5611


■ 49.8201, 51.7934,
54.6669


■ 26.6012, 18.8371,
5.3660


■ 55.3397, 59.2498,
67.5519


■ 25.1835, 16.5512,
3.1986


■ 61.4736, 67.4637,
82.0945

 24.1437, 14.7718,
1.9266

 68.2402, 76.4555,
98.3506

 23.6566, 13.9038,
1.4369

 73.9199, 85.5504,
107.2246

 76.3157, 90.3421,
108.0233

Harmonies

Analogous

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



38.5749, 33.7448, 32.2195



36.7470, 33.7448, 25.3455



33.7259, 33.7448, 21.8702

Triad

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



36.7470, 33.7448, 25.3455



26.3412, 33.7448, 32.2824



33.7507, 33.7448, 57.1497

Complementary

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



36.7470, 33.7448, 25.3455



34.8235, 40.4468, 57.6015

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.



30.4758, 33.7448, 57.1744



36.7470, 33.7448, 25.3455



26.3469, 33.7448, 41.6698

Square

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



36.7470, 33.7448, 25.3455



27.7980, 33.7448, 25.3847



27.8139, 33.7448, 51.1273



36.7662, 33.7448, 51.0647

Rectangle

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



36.7470, 33.7448, 25.3455



31.5131, 33.7448, 21.4931



27.8139, 33.7448, 51.1273



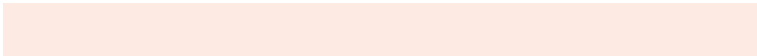
32.6403, 33.7448, 57.8971

Sweetspot

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



36.7479, 33.7464, 25.3462



83.5415, 85.0170, 84.8283



38.4424, 30.5374, 46.2516



18.0246, 18.2483, 17.9600



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.



36.7479, 33.7464, 25.3462



61.1779, 53.8464, 35.5799



42.4884, 45.2274, 27.2597



10.2795, 10.4904, 10.5449



15.4340, 9.1537, 0.9534



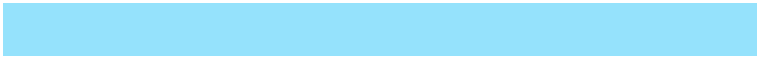
0.7247, 0.5112, 0.0605

Inverse Universe

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



34.8235, 40.4468, 57.6015



57.1641, 67.7164, 102.5275



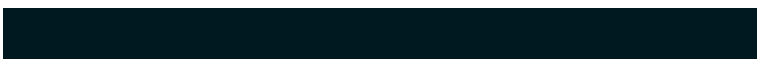
29.1059, 29.0116, 55.6956



10.1418, 10.9749, 12.8687



13.0301, 15.8167, 35.9228



0.6160, 0.7893, 1.5698

Previews

White Background



This preview shows how the XYZ color 36.7470, 33.7448, 25.3455 looks on a white background.

Color Contrast Check

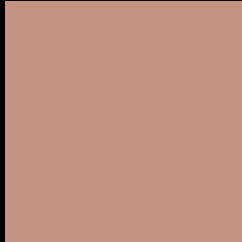
Large Text (above 18pt) WCAG AA × Fail

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 36.7470, 33.7448, 25.3455 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 36.7470, 33.7448, 25.3455

Background



This preview shows how black text looks on a background with the XYZ color 36.7470, 33.7448, 25.3455.



This preview shows how white text looks on a background with the XYZ color 36.7470, 33.7448,

25.3455.

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

36.7470, 33.7448, 25.3455

Protanopia

31.8771, 33.8345, 27.4049

Deuteranopia

34.4913, 33.7590, 25.1203



Tritanopia

38.4487, 33.5162, 34.5798

Trichromacy



Original Color

36.7470, 33.7448, 25.3455

Protanomaly

33.4606, 33.6785, 26.5668

Deuteranomaly

35.1372, 33.6182, 25.0591

Tritanomaly

37.6215, 33.3943, 30.8484

Monochromacy



Original Color

36.7470, 33.7448, 25.3455

Achromatopsia

32.9542, 34.6704, 37.7561

Achromatomaly

33.9142, 34.0200, 32.7960

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.7470, 33.7448, 25.3455 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(195, 146, 129)` looks like.

```
.text, #text, p{  
    color:rgb(195, 146, 129)  
}
```

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(195, 146, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 146, 129) }
```

Border

The CSS property to change the border of an element to XYZ 36.7470, 33.7448, 25.3455 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(195, 146, 129) }
```


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

```
.border{ border-color:rgb(195, 146, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 146, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 146, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 146, 129);  
box-shadow:4px 4px 4px 4px rgb(195, 146,  
129) }
```

Background

The CSS property to change the background color of an element to XYZ 36.7470, 33.7448, 25.3455 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 146, 129) }
```

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

```
.background{ background-color: rgb(195,  
146, 129) }
```

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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