

Converting Colors

XYZ(37.1335, 33.0211, 23.8021)

Have a look what the booklet for
XYZ(37.1335, 33.0211, 23.8021)
contains.

XYZ(37.1941, 33.1060, 23.8318)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(37.1941, 33.1060,
23.8318)**

Conversions

Conversions Part 1

Format	Color
Hex	C88E7D
RGB	200, 142, 125
RGB Percent	78%, 56%, 49%
CMY	0.2157, 0.4431, 0.5098
CMYK	0.00, 0.29, 0.37, 0.22
HSL	14°, 41%, 64%
HSV	14°, 37%, 78%
XYZ	37.1941, 33.1060, 23.8318
YIQ	157.4040, 40.0250, 7.0090

Conversions

Conversions Part 2

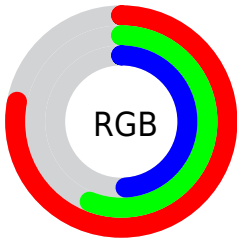
Format	Color
R_{YB}	200, 147, 125
Decimal	13143677
CIE _{Lab}	64.25, 19.83, 17.83
CIE _{LCh}	64, 26.664, 41.955
Yxy	33.1060, 0.3951, 0.3517
Android (android.graphics.Color)	4291333757 (0xFFC88E7D)
YUV	157.4040, -15.9752, 37.3567
Hunter-Lab	57.5378, 14.6964, 15.7189

Details

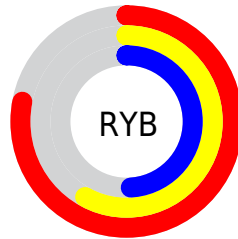
The XYZ color **37.1941, 33.1060, 23.8318** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **35.8157, 42.3956, 60.9391**, and the grayscale version is **32.2877, 33.9692, 36.9924**.

A 20% lighter version of the original color is **69.0158, 63.9542, 50.8263**, and **16.5472, 13.9333, 8.6547** is the 20% darker color. If you saturate the color by 10%, you get **33.8993, 28.3594, 17.0521**, and if you desaturate by 10%, it is **41.0671, 38.5973, 32.0741**.

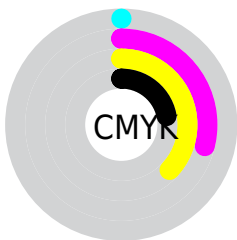
Distribution



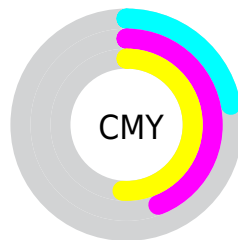
- Red (78%)
- Green (56%)
- Blue (49%)



- Red (78%)
- Yellow (58%)
- Blue (49%)



- Cyan (0%)
- Magenta (29%)
- Yellow (37%)
- Black (22%)





- Cyan (22%)
- Magenta (44%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 37.1941, 33.1060, 23.8318 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 37.1941, 33.1060, 23.8318 by changing the saturation by 10% instead.


 37.1941, 33.1060,
23.8318


 37.1941, 33.1060,
23.8318

325.4911,
316.1271, 285.2281

 25.5322, 22.2077,
14.9979


 70.1831, 64.5410,
50.6960

 16.6048, 14.0096,
8.6713


 92.2409, 85.8464,
69.5633

 10.0467, 8.1273,
4.4335


 118.4947,
111.3897, 92.6121

 5.4924, 4.1765,
1.8661

149.3098,
141.5552, 120.2610

 2.5767, 1.7728,
0.4710

185.0517,
176.7272, 152.9285

 0.9341, 0.4701,
0.0000

226.0856,

 0.0000, 0.0000,

217.2903, 191.0332

0.0000

272.7769,
263.6288, 234.9935

■ 37.1941, 33.1060,
23.8318

■ 37.1941, 33.1060,
23.8318

■ 33.8993, 28.3594,
17.0521

■ 41.0671, 38.5973,
32.0741

■ 31.1517, 24.3203,
11.6470

■ 45.5424, 44.8587,
41.8562

■ 28.9208, 20.9555,
7.5217

■ 50.6457, 51.9206,
53.2520

■ 27.1723, 18.2271,
4.5688

■ 56.4004, 59.8099,
66.3303

■ 25.8667, 16.0932,
2.6627

■ 62.8287, 68.5526,
81.1556

■ 24.9540, 14.5047,
1.6281

■ 69.9518, 78.1734,
97.7893

■ 24.7710, 14.1825,
1.4319

■ 76.1372, 88.0349,
107.5873

■ 77.6294, 91.0194,
108.0847

Harmonies

Analogous

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



39.1358, 33.1060, 31.8998



37.1941, 33.1060, 23.8318



33.7746, 33.1060, 19.6403

Triad

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



37.1941, 33.1060, 23.8318



25.0419, 33.1060, 29.9689



32.9979, 33.1060, 60.5212

Complementary

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



37.1941, 33.1060, 23.8318



35.8157, 42.3956, 60.9391

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.



29.2655, 33.1060, 59.7153



37.1941, 33.1060, 23.8318



24.8705, 33.1060, 40.5385

Square

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



37.1941, 33.1060, 23.8318



26.8477, 33.1060, 22.6633



26.3589, 33.1060, 51.8522



36.5863, 33.1060, 53.8728

Rectangle

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



37.1941, 33.1060, 23.8318



31.2186, 33.1060, 18.9723



26.3589, 33.1060, 51.8522



31.7152, 33.1060, 61.1448

Sweetspot

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



37.1950, 33.1076, 23.8325



84.3248, 85.2565, 84.6486



39.7788, 30.3971, 48.9810



17.7868, 17.8858, 17.5321



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.



37.1950, 33.1076, 23.8325



59.6768, 50.5302, 31.5157



43.5913, 45.9003, 25.9646



10.8257, 11.0206, 11.1194



15.8068, 9.1309, 0.9293



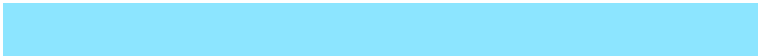
0.8050, 0.5454, 0.0628

Inverse Universe

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



35.8157, 42.3956, 60.9391



56.9222, 68.8468, 104.8964



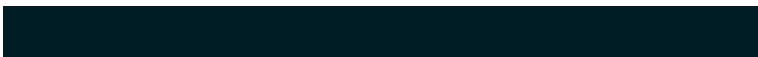
29.2006, 29.1654, 58.7341



10.7349, 11.6439, 13.5992



14.1151, 17.6242, 37.4022



0.7198, 0.9375, 1.7882

Previews

White Background



This preview shows how the XYZ color 37.1941, 33.1060, 23.8318 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 37.1941, 33.1060, 23.8318 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

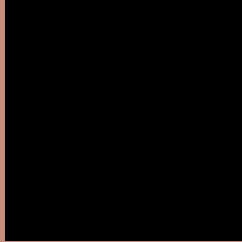
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 37.1941, 33.1060, 23.8318

Background



This preview shows how black text looks on a background with the XYZ color 37.1941, 33.1060, 23.8318.



This preview shows how white text looks on a background with the XYZ color 37.1941, 33.1060,

23.8318.

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

37.1941, 33.1060, 23.8318

Protanopia

31.3632, 33.3354, 26.6112

Deuteranopia

33.8358, 33.2130, 23.6962



Tritanopia

39.0146, 33.1917, 32.7841

Trichromacy



Original Color

37.1941, 33.1060, 23.8318

Protanomaly

33.1605, 33.0653, 25.4034

Deuteranomaly

35.0581, 33.1415, 23.6180

Tritanomaly

38.1991, 33.0671, 29.1802

Monochromacy



Original Color

37.1941, 33.1060, 23.8318

Achromatopsia

32.0474, 33.7164, 36.7171

Achromatomaly

33.5727, 33.3850, 31.4626

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.1941, 33.1060, 23.8318 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(200, 142, 125)` looks like.

```
.text, #text, p{  
    color:rgb(200, 142, 125)  
}
```

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(200, 142, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 142, 125) }
```

Border

The CSS property to change the border of an element to XYZ 37.1941, 33.1060, 23.8318 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(200, 142, 125) }
```


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

```
.border{ border-color:rgb(200, 142, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 142, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 142, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 142, 125);  
box-shadow:4px 4px 4px 4px rgb(200, 142,  
125) }
```

Background

The CSS property to change the background color of an element to XYZ 37.1941, 33.1060, 23.8318 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 142, 125) }
```

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

```
.background{ background-color: rgb(200,  
142, 125) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor