

Converting Colors

XYZ(39.1162, 33.0774, 20.1184)

Have a look what the booklet for
XYZ(39.1162, 33.0774, 20.1184)
contains.

XYZ(39.1343, 33.1033, 20.2466)	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(39.1343, 33.1033,
20.2466)**

Conversions

Conversions Part 1

Format	Color
Hex	D48972
RGB	212, 137, 114
RGB Percent	83%, 54%, 45%
CMY	0.1686, 0.4627, 0.5529
CMYK	0.00, 0.35, 0.46, 0.17
HSL	14°, 53%, 64%
HSV	14°, 46%, 83%
XYZ	39.1343, 33.1033, 20.2466
YIQ	156.8030, 52.0830, 8.7470

Conversions

Conversions Part 2

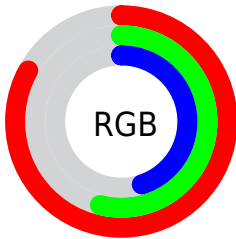
Format	Color
R _Y B	212, 144, 114
Decimal	13928818
CIE Lab	64.24, 26.09, 24.20
CIE LCh	64, 35.584, 42.845
Yxy	33.1033, 0.4231, 0.3579
Android (android.graphics.Color)	4292118898 (0xFFD48972)
YUV	156.8030, -21.1019, 48.4078
Hunter-Lab	57.5355, 20.7245, 19.4108

Details

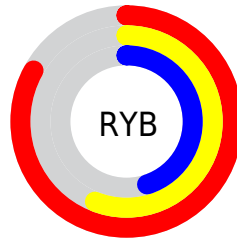
The XYZ color **39.1343, 33.1033, 20.2466** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **37.0198, 44.7240, 68.9686**, and the grayscale version is **32.0355, 33.7038, 36.7035**.

A 20% lighter version of the original color is **66.7537, 61.2748, 44.3853**, and **17.6376, 13.9189, 6.9113** is the 20% darker color. If you saturate the color by 10%, you get **35.9293, 28.4057, 13.8990**, and if you desaturate by 10%, it is **42.9675, 38.6096, 28.1838**.

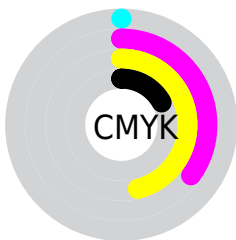
Distribution



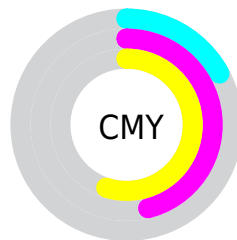
- Red (83%)
- Green (54%)
- Blue (45%)



- Red (83%)
- Yellow (56%)
- Blue (45%)



- Cyan (0%)
- Magenta (35%)
- Yellow (46%)
- Black (17%)





- Cyan (17%)
- Magenta (46%)
- Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.1343, 33.1033, 20.2466 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 39.1343, 33.1033, 20.2466 by changing the saturation by 10% instead.


 39.1343, 33.1033,
20.2466


 39.1343, 33.1033,
20.2466


333.6585,
316.1149, 265.8953


 27.0454, 22.2056,
12.3886


 73.1362, 64.5368,
44.6946


 17.7441, 14.0080,
6.8831


 95.7799, 85.8413,
62.1217

 10.8650, 8.1263,
3.3118


 122.6726,
111.3836, 83.5756

 6.0427, 4.1758,
1.2560

 154.1797,
141.5480, 109.4747

 2.9120, 1.7724,
0.0253

190.6664,
176.7190, 140.2377

 1.1074, 0.4699,
0.0000

232.4983,

 0.0313, 0.0000,

217.2809, 176.2831

0.0000

280.0405,
263.6181, 218.0295

■ 0.0000, 0.0000,
0.0000

■ 39.1343, 33.1033,
20.2466

■ 39.1343, 33.1033,
20.2466

■ 35.9293, 28.4057,
13.8990

■ 42.9675, 38.6096,
28.1838

■ 33.3148, 24.4733,
9.0309

■ 47.4584, 44.9556,
37.8069

■ 31.2531, 21.2655,
5.5206


■ 52.6379, 52.1768,
49.2067


■ 29.7002, 18.7360,
3.2265


■ 58.5340, 60.3052,
62.4669


■ 28.6039, 16.8321,
1.9711

■ 65.1730, 69.3709,
77.6659

 28.2819, 16.2582,
1.6475

 72.5800, 79.4029,
94.8776

 79.5642, 89.9428,
107.7750

 80.9613, 92.7370,
108.2407

Harmonies

Analogous

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



41.9130, 33.1033, 30.2079



39.1343, 33.1033, 20.2466



34.4158, 33.1033, 15.4656

Triad

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



39.1343, 33.1033, 20.2466



23.0671, 33.1033, 28.4472



33.6723, 33.1033, 70.5272

Complementary

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



39.1343, 33.1033, 20.2466



37.0198, 44.7240, 68.9686

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.



28.6854, 33.1033, 69.6836



39.1343, 33.1033, 20.2466



22.9137, 33.1033, 42.5869

Square

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



39.1343, 33.1033, 20.2466



25.3113, 33.1033, 19.2563



24.8672, 33.1033, 58.4566



38.5400, 33.1033, 60.5222

Rectangle

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



39.1343, 33.1033, 20.2466



30.9842, 33.1033, 14.7912



24.8672, 33.1033, 58.4566



31.9481, 33.1033, 71.5674

Sweetspot

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



39.1351, 33.1049, 20.2472



81.7213, 81.7014, 78.6879



42.3686, 29.7119, 51.7220



17.0944, 16.9374, 15.9563



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.



39.1351, 33.1049, 20.2472



54.8588, 43.5694, 21.6627



47.7195, 50.2736, 23.1087



12.6575, 12.8893, 12.9815



17.5243, 10.1658, 1.0386



1.1215, 0.7421, 0.0841

Inverse Universe

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



37.0198, 44.7240, 68.9686



51.2292, 63.1314, 104.0933



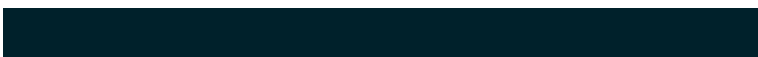
28.2209, 27.1264, 66.0357



12.5336, 13.5906, 15.9002



15.4183, 19.0984, 41.3269



0.9912, 1.2744, 2.5130

Previews

White Background



This preview shows how the XYZ color 39.1343, 33.1033, 20.2466 looks on a white background.

Color Contrast Check

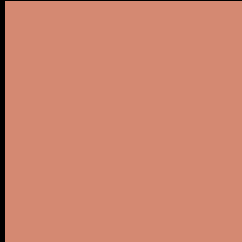
Large Text (above 18pt) WCAG AA × Fail

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 39.1343, 33.1033, 20.2466 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 39.1343, 33.1033, 20.2466

Background



This preview shows how black text looks on a background with the XYZ color 39.1343, 33.1033, 20.2466.



This preview shows how white text looks on a background with the XYZ color 39.1343, 33.1033,

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

39.1343, 33.1033, 20.2466

Protanopia

31.1272, 33.2891, 23.1972

Deuteranopia

33.8386, 33.2968, 19.9727



Tritanopia

41.0770, 33.0544, 30.2017

Trichromacy



Original Color

39.1343, 33.1033, 20.2466

Protanomaly

33.6057, 32.8941, 22.0307

Deuteranomaly

35.6117, 33.0452, 20.1242

Tritanomaly

40.1305, 32.8623, 26.0577

Monochromacy



Original Color

39.1343, 33.1033, 20.2466

Achromatopsia

32.0474, 33.7164, 36.7171

Achromatomaly

33.8455, 33.0829, 29.8011

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.1343, 33.1033, 20.2466 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(212, 137, 114)` looks like.

```
.text, #text, p{  
    color:rgb(212, 137, 114)  
}
```

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(212, 137, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 137, 114) }
```

Border

The CSS property to change the border of an element to XYZ 39.1343, 33.1033, 20.2466 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(212, 137, 114) }
```


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

```
.border{ border-color:rgb(212, 137, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 137, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 137, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 137, 114);  
box-shadow:4px 4px 4px 4px rgb(212, 137,  
114) }
```

Background

The CSS property to change the background color of an element to XYZ 39.1343, 33.1033, 20.2466 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 137, 114) }
```

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

```
.background{ background-color: rgb(212,  
137, 114) }
```

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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