

Converting Colors

XYZ(39.7121, 33.7957, 20.0548)

Have a look what the booklet for
XYZ(39.7121, 33.7957, 20.0548)
contains.

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Color

**XYZ(39.6538, 33.8036,
20.0576)**

Conversions

Conversions Part 1

Format	Color
Hex	D58B71
RGB	213, 139, 113
RGB Percent	84%, 55%, 44%
CMY	0.1647, 0.4549, 0.5569
CMYK	0.00, 0.35, 0.47, 0.16
HSL	16°, 54%, 64%
HSV	16°, 47%, 84%
XYZ	39.6538, 33.8036, 20.0576
YIQ	158.1620, 52.4500, 7.6020

Conversions

Conversions Part 2

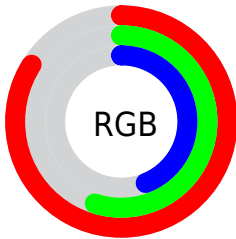
Format	Color
R_{YB}	213, 148, 113
Decimal	13994865
CIE Lab	64.81, 25.31, 25.52
CIE LCh	65, 35.942, 45.243
Yxy	33.8036, 0.4240, 0.3615
Android (android.graphics.Color)	4292184945 (0xFFD58B71)
YUV	158.1620, -22.2649, 48.0929
Hunter-Lab	58.1409, 19.9958, 20.2446

Details

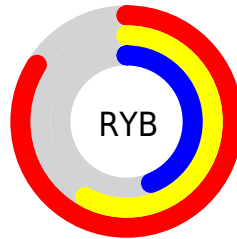
The XYZ color **39.6538, 33.8036, 20.0576** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **36.5898, 43.8536, 69.4867**, and the grayscale version is **32.6549, 34.3555, 37.4131**.

A 20% lighter version of the original color is **67.1015, 62.1165, 44.0504**, and **17.9614, 14.3297, 6.8203** is the 20% darker color. If you saturate the color by 10%, you get **36.4726, 29.1403, 13.7593**, and if you desaturate by 10%, it is **43.4472, 39.2408, 27.9490**.

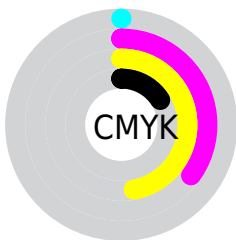
Distribution



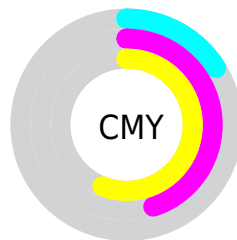
- Red (84%)
- Green (55%)
- Blue (44%)



- Red (84%)
- Yellow (58%)
- Blue (44%)



- Cyan (0%)
- Magenta (35%)
- Yellow (47%)
- Black (16%)




- Cyan (16%)
- Magenta (45%)
- Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.6538, 33.8036, 20.0576 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 39.6538, 33.8036, 20.0576 by changing the saturation by 10% instead.


 39.6538, 33.8036,
20.0576


 39.6538, 33.8036,
20.0576

335.8217,
319.2554, 264.8413

 27.4517, 22.7428,
12.2524


 73.9237, 65.6281,
44.3740


 18.0511, 14.4037,
6.7912


 96.7223, 87.1606,
61.7223

 11.0866, 8.4020,
3.2554


 123.7838,
112.9524, 83.0887

 6.1928, 4.3532,
1.2265

 155.4735,
143.3880, 108.8917

 3.0045, 1.8730,
0.0004

192.1568,
178.8517, 139.5500

 1.1561, 0.5321,
0.0000

234.1990,

 0.0713, 0.0000,

219.7279, 175.4820

0.0000

281.9655,
266.4010, 217.1062

■ 0.0000, 0.0000,
0.0000

■ 39.6538, 33.8036,
20.0576

■ 39.6538, 33.8036,
20.0576

■ 36.4726, 29.1403,
13.7593

■ 43.4472, 39.2408,
27.9490

■ 33.8670, 25.2099,
8.9420

■ 47.8814, 45.4806,
37.5308

■ 31.8002, 21.9751,
5.4825


■ 52.9862, 52.5560,
48.8951


■ 30.2295, 19.3926,
3.2361


■ 58.7889, 60.4969,
62.1265


■ 29.1025, 17.4131,
2.0139

■ 65.3151, 69.3316,
77.3042

 28.8253, 16.9157,
1.7458

 72.5889, 79.0870,
94.5030

 79.4690, 89.3231,
107.6604

 81.2505, 92.8861,
108.2542

Harmonies

Analogous

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



42.7131, 33.8036, 29.8133



39.6538, 33.8036, 20.0576



34.7300, 33.8036, 15.5604

Triad

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



39.6538, 33.8036, 20.0576



23.4387, 33.8036, 30.0169



34.8161, 33.8036, 71.6988

Complementary

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



39.6538, 33.8036, 20.0576



36.5898, 43.8536, 69.4867

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.



29.6618, 33.8036, 71.7966



39.6538, 33.8036, 20.0576



23.4565, 33.8036, 44.8155

Square

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



39.6538, 33.8036, 20.0576



25.5711, 33.8036, 20.1720



25.6225, 33.8036, 60.9665



39.7226, 33.8036, 60.7272

Rectangle

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



39.6538, 33.8036, 20.0576



31.2289, 33.8036, 15.1029



25.6225, 33.8036, 60.9665



33.0469, 33.8036, 73.0850

Sweetspot

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



39.6546, 33.8053, 20.0582



81.9700, 82.1988, 78.7708



42.4229, 29.5875, 51.0520



17.1544, 17.0573, 15.9763



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.



39.6546, 33.8053, 20.0582



54.9763, 44.0353, 20.9898



48.4044, 51.3049, 22.9748



12.6832, 12.9406, 12.9900



17.6787, 10.4746, 1.0900



1.1338, 0.7668, 0.0883

Inverse Universe

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



36.5898, 43.8536, 69.4867



49.7940, 60.7508, 103.7094



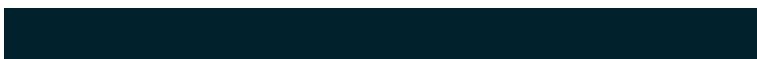
27.9091, 26.4921, 66.5931



12.5062, 13.5358, 15.8910



14.8512, 17.9641, 41.1378



0.9611, 1.2142, 2.5030

Previews

White Background



This preview shows how the XYZ color 39.6538, 33.8036, 20.0576 looks on a white background.

Color Contrast Check

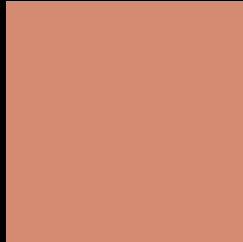
Large Text (above 18pt) WCAG AA × Fail

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 39.6538, 33.8036, 20.0576 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

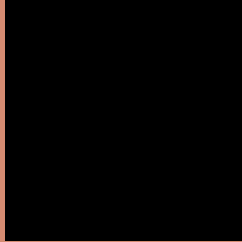
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 39.6538, 33.8036, 20.0576

Background



This preview shows how black text looks on a background with the XYZ color 39.6538, 33.8036, 20.0576.



This preview shows how white text looks on a background with the XYZ color 39.6538, 33.8036,

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

39.6538, 33.8036, 20.0576

Protanopia

31.6566, 33.8192, 22.9484

Deuteranopia

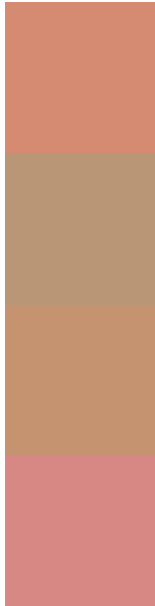
34.6749, 33.9723, 19.7687



Tritanopia

42.0937, 33.9712, 31.1266

Trichromacy



Original Color

39.6538, 33.8036, 20.0576

Protanomaly

33.9435, 33.3110, 21.7802

Deuteranomaly

36.3843, 33.9076, 19.9564

Tritanomaly

41.0621, 33.7488, 26.5403

Monochromacy



Original Color

39.6538, 33.8036, 20.0576

Achromatopsia

32.4990, 34.1914, 37.2345

Achromatomaly

34.3092, 33.5512, 30.2589

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.6538, 33.8036, 20.0576 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(213, 139, 113)` looks like.

```
.text, #text, p{  
    color:rgb(213, 139, 113)  
}
```

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(213, 139, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 139, 113) }
```

Border

The CSS property to change the border of an element to XYZ 39.6538, 33.8036, 20.0576 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(213, 139, 113) }
```


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

```
.border{ border-color:rgb(213, 139, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 139, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 139, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 139, 113);  
box-shadow:4px 4px 4px 4px rgb(213, 139,  
113) }
```

Background

The CSS property to change the background color of an element to XYZ 39.6538, 33.8036, 20.0576 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 139, 113) }
```

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

```
.background{ background-color: rgb(213,  
139, 113) }
```

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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