

Converting Colors

XYZ(39.6464, 36.6320, 21.9452)

Have a look what the booklet for
XYZ(39.6464, 36.6320, 21.9452)
contains.

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Color

**XYZ(39.6160, 36.7200,
21.8293)**

Conversions

Conversions Part 1

Format	Color
Hex	CD9875
RGB	205, 152, 117
RGB Percent	80%, 60%, 46%
CMY	0.1961, 0.4039, 0.5412
CMYK	0.00, 0.26, 0.43, 0.20
HSL	24°, 47%, 63%
HSV	24°, 43%, 80%
XYZ	39.6160, 36.7200, 21.8293
YIQ	163.8570, 42.8230, 0.3510

Conversions

Conversions Part 2

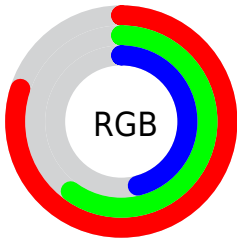
Format	Color
R_{YB}	205, 175, 117
Decimal	13473909
CIE _{Lab}	67.07, 15.45, 26.16
CIE _{LCh}	67, 30.383, 59.443
Yxy	36.7200, 0.4036, 0.3741
Android (android.graphics.Color)	4291663989 (0xFFCD9875)
YUV	163.8570, -23.1005, 36.0824
Hunter-Lab	60.5970, 10.6516, 21.0595

Details

The XYZ color **39.6160, 36.7200, 21.8293** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **32.7297, 36.9377, 63.1622**, and the grayscale version is **35.3115, 37.1505, 40.4569**.

A 20% lighter version of the original color is **70.4727, 68.2672, 46.9987**, and **18.0915, 16.1143, 7.6257** is the 20% darker color. If you saturate the color by 10%, you get **36.6398, 32.4899, 15.5278**, and if you desaturate by 10%, it is **43.0666, 41.4764, 29.5918**.

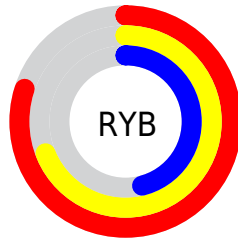
Distribution



Red (80%)

Green (60%)

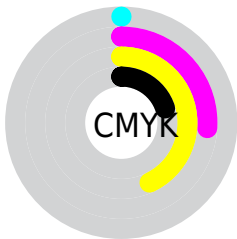
Blue (46%)



Red (80%)

Yellow (69%)

Blue (46%)

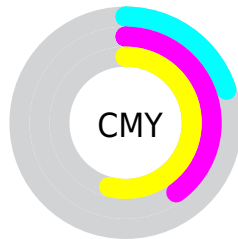


Cyan (0%)

Magenta (26%)

Yellow (43%)

Black (20%)



Cyan (20%)


Magenta (40%)


Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.6160, 36.7200, 21.8293 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 39.6160, 36.7200, 21.8293 by changing the saturation by 10% instead.


 39.6160, 36.7200,
21.8293


 39.6160, 36.7200,
21.8293


335.6646,
332.0967, 274.5779


 27.4221, 24.9908,
13.5344


 73.8665, 70.1419,
47.3623

 18.0287, 16.0702,
7.6625


 96.6538, 92.6034,
65.4374

 11.0704, 9.5738,
3.7951


 123.7030,
119.4111, 87.6098

 6.1819, 5.1173,
1.5136

155.3795,
150.9495, 114.2978

 2.9977, 2.3163,
0.2280

192.0485,
187.6028, 145.9201

 1.1525, 0.7823,
0.0000

234.0755,

 0.0684, 0.0000,

229.7555, 182.8952

0.0000

281.8257,
277.7920, 225.6416

0.0000, 0.0000,
0.0000

39.6160, 36.7200,
21.8293

39.6160, 36.7200,
21.8293

36.6398, 32.4899,
15.5278

43.0666, 41.4764,
29.5918

34.1114, 28.7610,
10.5913

47.0108, 46.7723,
38.8986

32.0057, 25.5142,
6.9156


51.4698, 52.6269,
49.8292


30.2931, 22.7262,
4.3802

56.4629, 59.0569,
62.4569


28.9392, 20.3715,
2.8404


62.0082, 66.0782,
76.8506

 28.1599, 18.9453,
2.1726

 68.1229, 73.7059,
93.0754

 73.9250, 81.5954,
106.4610

 77.6521, 89.0496,
107.7033

 78.9868, 91.7191,
108.1483

Harmonies

Analogous

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



43.2245, 36.7200, 28.7331



39.6160, 36.7200, 21.8293



34.9878, 36.7200, 19.5534

Triad

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



39.6160, 36.7200, 21.8293



26.7494, 36.7200, 39.7348



39.4533, 36.7200, 66.4869

Complementary

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



39.6160, 36.7200, 21.8293



32.7297, 36.9377, 63.1622

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.



34.8149, 36.7200, 71.2053



39.6160, 36.7200, 21.8293



27.7216, 36.7200, 53.8392

Square

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



39.6160, 36.7200, 21.8293



27.7958, 36.7200, 28.3904



30.5763, 36.7200, 66.1400



43.1248, 36.7200, 54.3638

Rectangle

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



39.6160, 36.7200, 21.8293



32.0266, 36.7200, 20.4673



30.5763, 36.7200, 66.1400



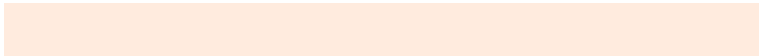
37.9430, 36.7200, 69.0963

Sweetspot

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



39.6169, 36.7218, 21.8300



84.1235, 85.9634, 81.1607



38.9145, 28.6525, 42.1412



17.6414, 17.9247, 16.4675



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.



39.6169, 36.7218, 21.8300



60.1360, 53.3917, 25.6787



47.8432, 53.1744, 24.5721



11.5724, 11.9337, 11.7729



17.6178, 11.9685, 1.3816



0.9825, 0.7646, 0.0958

Inverse Universe

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



32.7297, 36.9377, 63.1622



47.3131, 53.7474, 102.4884



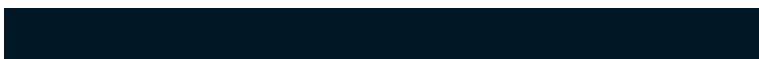
25.9798, 23.4378, 60.9123



11.1543, 11.9490, 14.2889



11.3998, 11.8235, 37.6376



0.6610, 0.7557, 1.9660

Previews

White Background



This preview shows how the XYZ color 39.6160, 36.7200, 21.8293 looks on a white background.

Color Contrast Check

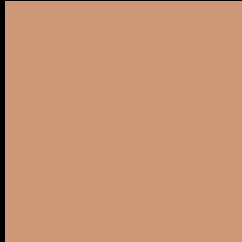
Large Text (above 18pt) WCAG AA × Fail

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 39.6160, 36.7200, 21.8293 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

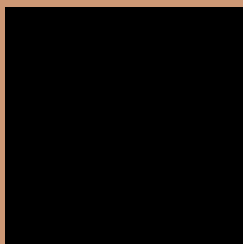
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 39.6160, 36.7200, 21.8293

Background



This preview shows how black text looks on a background with the XYZ color 39.6160, 36.7200, 21.8293.



This preview shows how white text looks on a background with the XYZ color 39.6160, 36.7200,

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

39.6160, 36.7200, 21.8293

Protanopia

34.2892, 36.7135, 23.6915

Deuteranopia

37.4575, 36.8442, 21.6604



Tritanopia

42.8998, 36.8914, 37.2074

Trichromacy



Original Color

39.6160, 36.7200, 21.8293

Protanomaly

36.0380, 36.5914, 22.9327

Deuteranomaly

38.1624, 36.7094, 21.5972

Tritanomaly

41.7178, 36.8880, 30.9079

Monochromacy



Original Color

39.6160, 36.7200, 21.8293

Achromatopsia

35.2861, 37.1238, 40.4278

Achromatomaly

36.4277, 36.8319, 32.7931

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.6160, 36.7200, 21.8293 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(205, 152, 117)` looks like.

```
.text, #text, p{  
    color:rgb(205, 152, 117)  
}
```

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(205, 152, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 152, 117) }
```

Border

The CSS property to change the border of an element to XYZ 39.6160, 36.7200, 21.8293 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(205, 152, 117) }
```


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

```
.border{ border-color:rgb(205, 152, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 152, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 152, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 152, 117);  
box-shadow:4px 4px 4px 4px rgb(205, 152,  
117) }
```

Background

The CSS property to change the background color of an element to XYZ 39.6160, 36.7200, 21.8293 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 152, 117) }
```

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

```
.background{ background-color: rgb(205,  
152, 117) }
```

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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