

Converting Colors

XYZ(39.5337, 36.5097, 25.8429)

Have a look what the booklet for
XYZ(39.5337, 36.5097, 25.8429)
contains.

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Color

**XYZ(39.5478, 36.5980,
25.7486)**

Conversions

Conversions Part 1

Format	Color
Hex	CA9881
RGB	202, 152, 129
RGB Percent	79%, 60%, 51%
CMY	0.2078, 0.4039, 0.4941
CMYK	0.00, 0.25, 0.36, 0.21
HSL	19°, 41%, 65%
HSV	19°, 36%, 79%
XYZ	39.5478, 36.5980, 25.7486
YIQ	164.3280, 37.1830, 3.4470

Conversions

Conversions Part 2

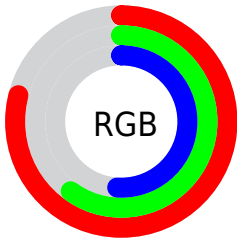
Format	Color
R _Y B	202, 163, 129
Decimal	13277313
CIE Lab	66.97, 15.63, 19.38
CIE LCh	67, 24.897, 51.116
Yxy	36.5980, 0.3881, 0.3592
Android (android.graphics.Color)	4291467393 (0xFFCA9881)
YUV	164.3280, -17.4167, 33.0383
Hunter-Lab	60.4963, 10.8210, 17.1122

Details

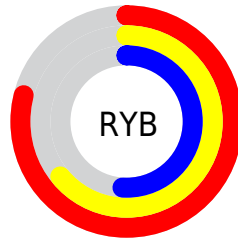
The XYZ color **39.5478, 36.5980, 25.7486** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **35.8334, 41.1701, 61.9351**, and the grayscale version is **35.5117, 37.3610, 40.6862**.

A 20% lighter version of the original color is **71.7548, 68.7800, 53.7500**, and **17.9557, 15.9975, 9.7309** is the 20% darker color. If you saturate the color by 10%, you get **36.2198, 31.8824, 18.6569**, and if you desaturate by 10%, it is **43.4051, 41.9471, 34.3270**.

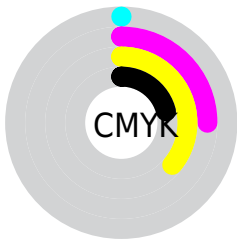
Distribution



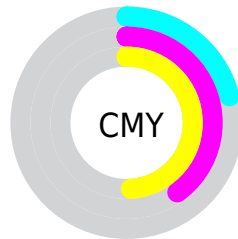
- Red (79%)
- Green (60%)
- Blue (51%)



- Red (79%)
- Yellow (64%)
- Blue (51%)



- Cyan (0%)
- Magenta (25%)
- Yellow (36%)
- Black (21%)





- Cyan (21%)
- Magenta (40%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.5478, 36.5980, 25.7486 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 39.5478, 36.5980, 25.7486 by changing the saturation by 10% instead.


 39.5478, 36.5980,
25.7486


 39.5478, 36.5980,
25.7486

335.3811,
331.5668, 295.1119


 27.3688, 24.8964,
16.4116


 73.7632, 69.9541,
53.8482

 17.9884, 15.9999,
9.6584


 96.5302, 92.3773,
73.4479

 11.0413, 9.5241,
5.0704


 123.5573,
119.1433, 97.3055

 6.1621, 5.0846,
2.2292

155.2098,
150.6363, 125.8396

 2.9855, 2.2970,
0.6911

191.8531,
187.2407, 159.4687

 1.1461, 0.7721,
0.0000

233.8525,

 0.0632, 0.0000,

229.3410, 198.6115

0.0000

281.5734,
277.3216, 243.6864

■ 0.0000, 0.0000,
0.0000

■ 39.5478, 36.5980,
25.7486

■ 39.5478, 36.5980,
25.7486

■ 36.2198, 31.8824,
18.6569

■ 43.4051, 41.9471,
34.3270

■ 33.3935, 27.7709,
12.9639

■ 47.8118, 47.9473,
44.4687

■ 31.0431, 24.2393,
8.5758

■ 52.7904, 54.6220,
56.2478

■ 29.1388, 21.2597,
5.3859

■ 58.3612, 61.9918,
69.7327

■ 27.6472, 18.8014,
3.2706

■ 64.5435, 70.0764,
84.9882

■ 26.5279, 16.8297,
2.0743

■ 71.3557, 78.8947,
102.0754

■ 26.1712, 16.1846,
1.7446

■ 76.2353, 87.4329,
107.4659

■ 78.1671, 91.2966,
108.1099

Harmonies

Analogous

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



42.0117, 36.5980, 32.8137



39.5478, 36.5980, 25.7486



35.9193, 36.5980, 22.6251

Triad

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



39.5478, 36.5980, 25.7486



28.0902, 36.5980, 36.7216



37.4687, 36.5980, 62.5787

Complementary

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



39.5478, 36.5980, 25.7486



35.8334, 41.1701, 61.9351

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.



33.6754, 36.5980, 64.1419



39.5478, 36.5980, 25.7486



28.4390, 36.5980, 47.8242

Square

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



39.5478, 36.5980, 25.7486



29.4313, 36.5980, 28.1635



30.4214, 36.5980, 58.3375



40.7522, 36.5980, 54.3882

Rectangle

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



39.5478, 36.5980, 25.7486



33.4034, 36.5980, 22.7218



30.4214, 36.5980, 58.3375



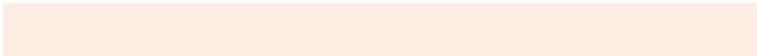
36.2048, 36.5980, 63.9487

Sweetspot

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



39.5487, 36.5997, 25.7493



85.0331, 86.6730, 84.8847



40.4560, 31.5568, 47.1925



17.9547, 18.2215, 17.5881



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.



39.5487, 36.5997, 25.7493



62.6797, 55.9188, 34.4196



46.1750, 49.8523, 27.9581



11.4960, 11.7810, 11.7475



16.9119, 10.5568, 1.1463



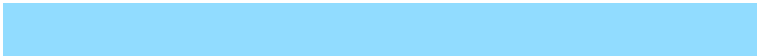
0.9407, 0.6811, 0.0819

Inverse Universe

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



35.8334, 41.1701, 61.9351



55.4993, 64.6926, 104.1695



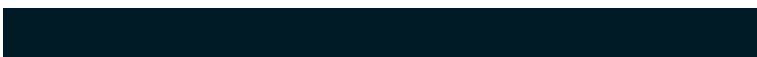
29.6271, 28.7574, 59.8663



11.2335, 12.1075, 14.3153



12.8231, 14.6701, 38.1120



0.7277, 0.8891, 1.9882

Previews

White Background



This preview shows how the XYZ color 39.5478, 36.5980, 25.7486 looks on a white background.

Color Contrast Check

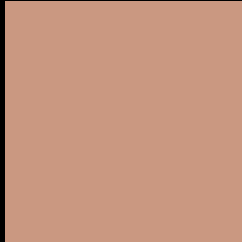
Large Text (above 18pt) WCAG AA × Fail

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 39.5478, 36.5980, 25.7486 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

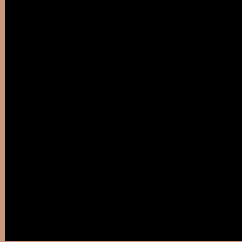
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 39.5478, 36.5980, 25.7486

Background



This preview shows how black text looks on a background with the XYZ color 39.5478, 36.5980, 25.7486.



This preview shows how white text looks on a background with the XYZ color 39.5478, 36.5980,

25.7486.

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

39.5478, 36.5980, 25.7486

Protanopia

34.6338, 36.7999, 27.8319

Deuteranopia

37.4391, 36.7488, 25.5421



Tritanopia

42.0248, 36.6621, 37.6624

Trichromacy



Original Color

39.5478, 36.5980, 25.7486

Protanomaly

36.3302, 36.6526, 26.9896

Deuteranomaly

38.1233, 36.6033, 25.4779

Tritanomaly

40.9946, 36.4704, 32.8958

Monochromacy



Original Color

39.5478, 36.5980, 25.7486

Achromatopsia

35.2861, 37.1238, 40.4278

Achromatomaly

36.5168, 36.8410, 34.4645

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.5478, 36.5980, 25.7486 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(202, 152, 129)` looks like.

```
.text, #text, p{  
    color:rgb(202, 152, 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(202, 152, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 152, 129) }
```

Border

The CSS property to change the border of an element to XYZ 39.5478, 36.5980, 25.7486 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(202, 152, 129) }
```


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

```
.border{ border-color:rgb(202, 152, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 152, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 152, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 152, 129);  
box-shadow:4px 4px 4px 4px rgb(202, 152,  
129) }
```

Background

The CSS property to change the background color of an element to XYZ 39.5478, 36.5980, 25.7486 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 152, 129) }
```

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

```
.background{ background-color: rgb(202,  
152, 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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