

Converting Colors

XYZ(40.7722, 40.7494, 29.5347)

Have a look what the booklet for
XYZ(40.7722, 40.7494, 29.5347)
contains.

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Color

**XYZ(40.6573, 40.6807,
29.3762)**

Conversions

Conversions Part 1

Format	Color
Hex	C3A689
RGB	195, 166, 137
RGB Percent	76%, 65%, 54%
CMY	0.2353, 0.3490, 0.4627
CMYK	0.00, 0.15, 0.30, 0.24
HSL	30°, 33%, 65%
HSV	30°, 30%, 76%
XYZ	40.6573, 40.6807, 29.3762
YIQ	171.3650, 26.5930, -2.8710

Conversions

Conversions Part 2

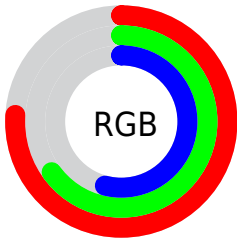
Format	Color
RYB	195, 195, 137
Decimal	12822153
CIELab	69.95, 6.25, 18.96
CIELCh	70, 19.964, 71.743
Yxy	40.6807, 0.3672, 0.3674
Android (android.graphics.Color)	4291012233 (0xFFC3A689)
YUV	171.3650, -16.9419, 20.7279
Hunter-Lab	63.7814, 2.1669, 17.3394

Details

The XYZ color **40.6573, 40.6807, 29.3762** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **33.8028, 36.5299, 56.8994**, and the grayscale version is **38.9664, 40.9956, 44.6442**.

A 20% lighter version of the original color is **75.2956, 76.1261, 59.4405**, and **18.5528, 18.2982, 11.5709** is the 20% darker color. If you saturate the color by 10%, you get **37.6778, 36.7614, 22.0944**, and if you desaturate by 10%, it is **44.0262, 44.9736, 38.0359**.

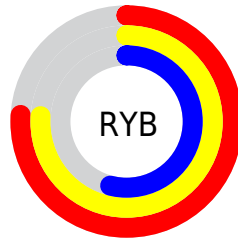
Distribution



Red (76%)

Green (65%)

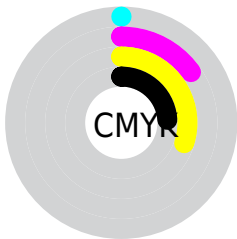
Blue (54%)



Red (76%)

Yellow (76%)

Blue (54%)

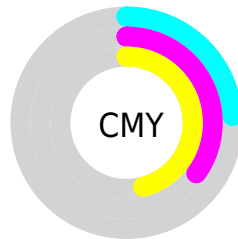


Cyan (0%)

Magenta (15%)

Yellow (30%)

Black (24%)



Cyan (24%)

Magenta (35%)


Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 40.6573, 40.6807, 29.3762 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 40.6573, 40.6807, 29.3762 by changing the saturation by 10% instead.


 40.6573, 40.6807,
29.3762


 40.6573, 40.6807,
29.3762


339.9734,
348.9843, 313.1022


 28.2379, 28.0697,
19.1176


 75.4414, 76.1989,
59.7236

 18.6464, 18.3782,
11.5776


 98.5368, 99.8750,
80.6494

 11.5176, 11.2218,
6.3377


 125.9215,
128.0081, 105.9680

 6.4859, 6.2163,
2.9794

157.9610,
160.9827, 136.0980

 3.1862, 2.9770,
1.0841

195.0206,
199.1833, 171.4578

 1.2530, 1.1197,
0.0000

237.4656,

 0.1476, 0.0000,

242.9941, 212.4661

0.0000

285.6614,
292.7997, 259.5414

■ 0.0000, 0.0000,
0.0000

■ 40.6573, 40.6807,
29.3762

■ 40.6573, 40.6807,
29.3762

■ 37.6778, 36.7614,
22.0944

■ 44.0262, 44.9736,
38.0359

■ 35.0678, 33.1986,
16.1153

■ 47.7966, 49.6453,
48.1384

■ 32.8104, 29.9823,
11.3602

■ 51.9843, 54.7078,
59.7474

■ 30.8859, 27.0993,
7.7407

■ 56.6030, 60.1710,
72.9219

■ 29.2722, 24.5356,
5.1563

■ 61.6656, 66.0443,
87.7180

■ 27.9434, 22.2753,
3.4887

■ 67.1849, 72.3368,
104.1887

■ 26.8542, 20.2946,
2.5163

■ 70.0486, 77.8077,
105.9342

■ 26.8281, 20.2468,
2.4940

■ 72.9047, 83.5201,
106.8862

■ 75.9161, 89.5427,
107.8900

Harmonies

Analogous

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



43.5197, 40.6807, 33.4128



40.6573, 40.6807, 29.3762



37.4076, 40.6807, 28.9776

Triad

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



40.6573, 40.6807, 29.3762



32.8631, 40.6807, 48.0384



42.9785, 40.6807, 59.0391

Complementary

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



40.6573, 40.6807, 29.3762



33.8028, 36.5299, 56.8994

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.



39.9519, 40.6807, 64.2347



40.6573, 40.6807, 29.3762



34.1869, 40.6807, 57.3139

Square

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



40.6573, 40.6807, 29.3762



33.0283, 40.6807, 38.9194



36.7404, 40.6807, 63.5624



44.9108, 40.6807, 50.1427

Rectangle

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



40.6573, 40.6807, 29.3762



35.4696, 40.6807, 30.7480



36.7404, 40.6807, 63.5624



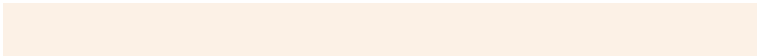
42.0484, 40.6807, 61.3290

Sweetspot

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



40.6584, 40.6826, 29.3770



86.0354, 89.4422, 87.3934



38.3347, 32.2471, 40.2807



18.6099, 19.3042, 18.5086



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.



40.6584, 40.6826, 29.3770



69.1078, 68.0059, 43.4655



46.5364, 52.4387, 31.3364



10.4800, 10.8914, 10.6118



17.5208, 13.3274, 1.6490



0.8260, 0.7137, 0.0942

Inverse Universe

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



33.8028, 36.5299, 56.8994



54.7683, 59.3200, 101.0331



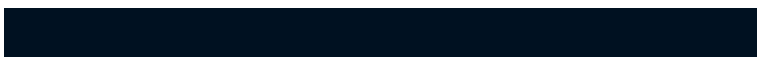
29.1130, 27.1504, 55.3361



9.9350, 10.5613, 12.7997



9.2939, 8.3443, 34.6774



0.4705, 0.4984, 1.5213

Previews

White Background



This preview shows how the XYZ color 40.6573, 40.6807, 29.3762 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 40.6573, 40.6807, 29.3762 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 40.6573, 40.6807, 29.3762

Background



This preview shows how black text looks on a background with the XYZ color 40.6573, 40.6807, 29.3762.



This preview shows how white text looks on a background with the XYZ color 40.6573, 40.6807,

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

40.6573, 40.6807, 29.3762

Protanopia

38.2792, 40.8137, 30.2864

Deuteranopia

41.3440, 40.4992, 29.3050



Tritanopia

43.8409, 40.6490, 45.0705

Trichromacy



Original Color

40.6573, 40.6807, 29.3762

Protanomaly

39.0251, 40.6500, 29.8341

Deuteranomaly

41.2592, 40.7222, 29.3525

Tritanomaly

42.7311, 40.7382, 38.8688

Monochromacy



Original Color

40.6573, 40.6807, 29.3762

Achromatopsia

38.7082, 40.7240, 44.3485

Achromatomaly

39.2684, 40.5824, 38.5644

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.6573, 40.6807, 29.3762 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(195, 166, 137)` looks like.

```
.text, #text, p{  
    color:rgb(195, 166, 137)  
}
```

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(195, 166, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 166, 137) }
```

Border

The CSS property to change the border of an element to XYZ 40.6573, 40.6807, 29.3762 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(195, 166, 137) }
```


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

```
.border{ border-color:rgb(195, 166, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 166, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 166, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 166, 137);  
box-shadow:4px 4px 4px 4px rgb(195, 166,  
137) }
```

Background

The CSS property to change the background color of an element to XYZ 40.6573, 40.6807, 29.3762 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 166, 137) }
```

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

```
.background{ background-color: rgb(195,  
166, 137) }
```

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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