

Converting Colors

XYZ(40.7581, 37.8850, 30.3695)

Have a look what the booklet for
XYZ(40.7581, 37.8850, 30.3695)
contains.

XYZ(40.6165, 37.7833, 30.3515)	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(40.6165, 37.7833,
30.3515)**

Conversions

Conversions Part 1

Format	Color
Hex	C99B8D
RGB	201, 155, 141
RGB Percent	79%, 61%, 55%
CMY	0.2118, 0.3921, 0.4471
CMYK	0.00, 0.23, 0.30, 0.21
HSL	14°, 36%, 67%
HSV	14°, 30%, 79%
XYZ	40.6165, 37.7833, 30.3515
YIQ	167.1580, 31.9100, 5.3980

Conversions

Conversions Part 2

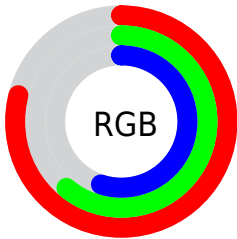
Format	Color
R _Y B	201, 159, 141
Decimal	13212557
CIE Lab	67.86, 15.14, 13.94
CIE LCh	68, 20.581, 42.632
Yxy	37.7833, 0.3735, 0.3474
Android (android.graphics.Color)	4291402637 (0xFFC99B8D)
YUV	167.1580, -12.8959, 29.6794
Hunter-Lab	61.4681, 10.3788, 13.7517

Details

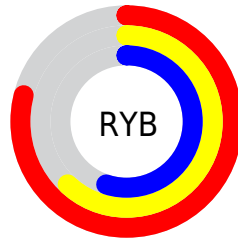
The XYZ color **40.6165, 37.7833, 30.3515** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **39.2970, 45.4191, 61.9542**, and the grayscale version is **36.8584, 38.7779, 42.2292**.

A 20% lighter version of the original color is **74.1369, 71.2933, 61.4833**, and **18.6927, 16.7670, 12.1487** is the 20% darker color. If you saturate the color by 10%, you get **36.8518, 32.4340, 22.3755**, and if you desaturate by 10%, it is **44.9819, 43.8992, 39.8677**.

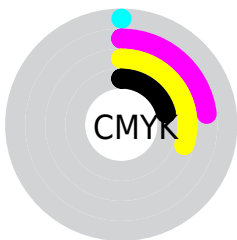
Distribution



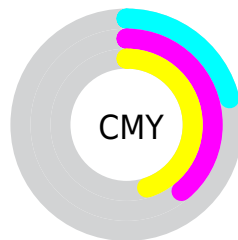
- Red (79%)
- Green (61%)
- Blue (55%)



- Red (79%)
- Yellow (62%)
- Blue (55%)



- Cyan (0%)
- Magenta (23%)
- Yellow (30%)
- Black (21%)





- Cyan (21%)
- Magenta (39%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 40.6165, 37.7833, 30.3515 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 40.6165, 37.7833, 30.3515 by changing the saturation by 10% instead.


 40.6165, 37.7833,
30.3515


 40.6165, 37.7833,
30.3515


339.8053,
336.6895, 317.7976


 28.2059, 25.8145,
19.8512

 75.3798, 71.7759,
61.2852

 18.6222, 16.6850,
12.1039


 98.4632, 94.5685,
82.5557

 11.5000, 10.0101,
6.6911


 125.8348,
121.7378, 108.2533

 6.4739, 5.4057,
3.1942

157.8602,
153.6683, 138.7966

 3.1787, 2.4872,
1.1946

194.9045,
190.7443, 174.6042

 1.2490, 0.8702,
0.0000

237.3333,

 0.1445, 0.0000,

233.3503, 216.0945

0.0000

285.5117,
281.8705, 263.6861

■ 0.0000, 0.0000,
0.0000

■ 40.6165, 37.7833,
30.3515

■ 40.6165, 37.7833,
30.3515

■ 36.8518, 32.4340,
22.3755

■ 44.9819, 43.8992,
39.8677

■ 33.6579, 27.8157,
15.8559

■ 49.9702, 50.8051,
50.9971

■ 31.0066, 23.8974,
10.7044

■ 55.6062, 58.5299,
63.8110

■ 28.8660, 20.6441,
6.8221

■ 61.9123, 67.0997,
78.3758

■ 27.2007, 18.0175,
4.0966

■ 68.9100, 76.5390,
94.7539

■ 25.9702, 15.9752,
2.3954

■ 75.5382, 86.4390,
107.3109

■ 25.1114, 14.4628,
1.4767

■ 77.8975, 91.1576,
108.0973

■ 25.1006, 14.4437,
1.4650

Harmonies

Analogous

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



42.2362, 37.7833, 37.4161



40.6165, 37.7833, 30.3515



37.7742, 37.7833, 26.5476

Triad

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



40.6165, 37.7833, 30.3515



30.3699, 37.7833, 36.1153



37.2701, 37.7833, 60.7730

Complementary

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



40.6165, 37.7833, 30.3515



39.2970, 45.4191, 61.9542

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.



34.1118, 37.7833, 60.2871



40.6165, 37.7833, 30.3515



30.2527, 37.7833, 45.1023

Square

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



40.6165, 37.7833, 30.3515



31.9155, 37.7833, 29.5212



31.5854, 37.7833, 54.2218



40.2287, 37.7833, 55.4650

Rectangle

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



40.6165, 37.7833, 30.3515



35.6309, 37.7833, 25.9677



31.5854, 37.7833, 54.2218



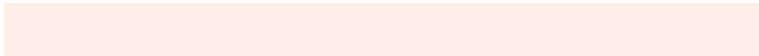
36.1943, 37.7833, 61.3021

Sweetspot

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



40.6175, 37.7851, 30.3523



86.2146, 87.8931, 88.8022



42.5823, 35.0556, 51.5361



18.1665, 18.4175, 18.3608



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.



40.6175, 37.7851, 30.3523



65.1397, 58.4532, 42.5937



46.2444, 49.0389, 32.2279



10.8315, 11.0321, 11.1213



15.8413, 9.1997, 0.9408



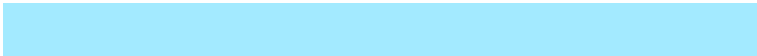
0.8076, 0.5506, 0.0637

Inverse Universe

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



39.2970, 45.4191, 61.9542



62.4969, 73.6309, 105.5260



33.5845, 33.9942, 60.0500



10.7288, 11.6316, 13.5972



13.9762, 17.3464, 37.3559



0.7143, 0.9264, 1.7863

Previews

White Background



This preview shows how the XYZ color 40.6165, 37.7833, 30.3515 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 40.6165, 37.7833, 30.3515 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

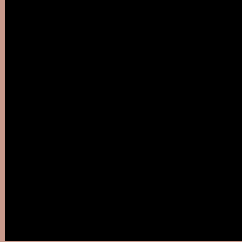
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 40.6165, 37.7833, 30.3515

Background



This preview shows how black text looks on a background with the XYZ color 40.6165, 37.7833, 30.3515.



This preview shows how white text looks on a background with the XYZ color 40.6165, 37.7833,

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

40.6165, 37.7833, 30.3515

Protanopia

35.8770, 37.8698, 32.6128

Deuteranopia

38.6176, 37.7661, 30.0652



Tritanopia

42.4677, 37.7973, 39.7077

Trichromacy



Original Color

40.6165, 37.7833, 30.3515

Protanomaly

37.3073, 37.5706, 31.6711

Deuteranomaly

39.4662, 37.9493, 30.0558

Tritanomaly

41.6647, 37.7056, 36.0923

Monochromacy



Original Color

40.6165, 37.7833, 30.3515

Achromatopsia

36.7301, 38.6429, 42.0822

Achromatomaly

37.8592, 38.2467, 37.7347

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.6165, 37.7833, 30.3515 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(201, 155, 141)` looks like.

```
.text, #text, p{  
    color:rgb(201, 155, 141)  
}
```

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(201, 155, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 155, 141) }
```

Border

The CSS property to change the border of an element to XYZ 40.6165, 37.7833, 30.3515 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(201, 155, 141) }
```


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

```
.border{ border-color:rgb(201, 155, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 155, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(201, 155, 141); -webkit-box-shadow:4px 4px 4px 4px rgb(201, 155, 141); box-shadow:4px 4px 4px 4px rgb(201, 155, 141) }
```

Background

The CSS property to change the background color of an element to XYZ 40.6165, 37.7833, 30.3515 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 155, 141) }
```

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

```
.background{ background-color: rgb(201,  
155, 141) }
```

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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