

Converting Colors

XYZ(41.6134, 36.8384, 31.7459)

Have a look what the booklet for
XYZ(41.6134, 36.8384, 31.7459)
contains.

XYZ(41.5904, 36.8046, 31.7000)	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(41.5904, 36.8046,
31.7000)**

Conversions

Conversions Part 1

Format	Color
Hex	CF9591
RGB	207, 149, 145
RGB Percent	81%, 58%, 57%
CMY	0.1882, 0.4157, 0.4314
CMYK	0.00, 0.28, 0.30, 0.19
HSL	4°, 39%, 69%
HSV	4°, 30%, 81%
XYZ	41.5904, 36.8046, 31.7000
YIQ	165.8860, 35.8520, 11.0520

Conversions

Conversions Part 2

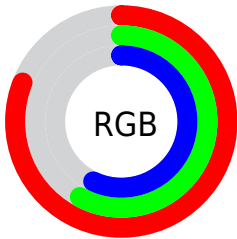
Format	Color
R _Y B	207, 149, 145
Decimal	13604241
CIE Lab	67.13, 21.28, 10.77
CIE LCh	67, 23.848, 26.854
Yxy	36.8046, 0.3778, 0.3343
Android (android.graphics.Color)	4291794321 (0xFFCF9591)
YUV	165.8860, -10.2968, 36.0570
Hunter-Lab	60.6668, 16.2046, 11.4862

Details

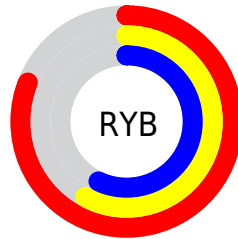
The XYZ color **41.5904, 36.8046, 31.7000** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **44.2948, 53.2349, 66.9724**, and the grayscale version is **36.2273, 38.1139, 41.5061**.

A 20% lighter version of the original color is **72.9047, 68.0954, 63.3341**, and **19.1957, 16.1409, 12.9303** is the 20% darker color. If you saturate the color by 10%, you get **37.3245, 30.5985, 23.1077**, and if you desaturate by 10%, it is **46.6585, 44.1491, 41.9953**.

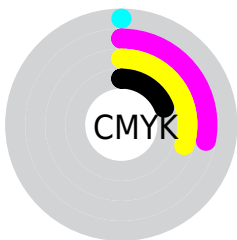
Distribution



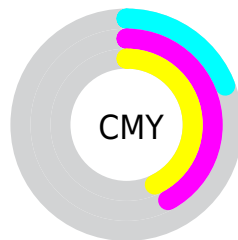
- Red (81%)
- Green (58%)
- Blue (57%)



- Red (81%)
- Yellow (58%)
- Blue (57%)



- Cyan (0%)
- Magenta (28%)
- Yellow (30%)
- Black (19%)



- Cyan (19%)
- Magenta (42%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.5904, 36.8046, 31.7000 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 41.5904, 36.8046, 31.7000 by changing the saturation by 10% instead.

41.5904, 36.8046,
31.7000

41.5904, 36.8046,
31.7000

343.8028,
332.4638, 324.2009

28.9704, 25.0562,
20.8695

76.8484, 70.2722,
63.4329

19.2026, 16.1190,
12.8384

100.2171, 92.7601,
85.1725

11.9216, 9.6084,
7.1879

127.8994,
119.5968, 111.3854

6.7622, 5.1401,
3.4997

160.2607,
151.1665, 142.4904

3.3588, 2.3297,
1.3551

197.6664,
187.8536, 178.9059

1.3462, 0.7894,
0.1063

240.4817,

0.2174, 0.0000,

230.0426, 221.0504

0.0000

289.0720,
278.1179, 269.3426

■ 0.0000, 0.0000,
0.0000

■ 41.5904, 36.8046,
31.7000

■ 41.5904, 36.8046,
31.7000

■ 37.3245, 30.5985,
23.1077

■ 46.6585, 44.1491,
41.9953

■ 33.8167, 25.4690,
16.1244

■ 52.5638, 52.6795,
54.0760

■ 31.0236, 21.3562,
10.6506

■ 59.3428, 62.4469,
68.0221

■ 28.8958, 18.1925,
6.5749

■ 67.0292, 73.4979,
83.9079

■ 27.3777, 15.9020,
3.7704

■ 75.6547, 85.8766,
101.8036

■ 26.4048, 14.3969,
2.0870

■ 79.5422, 92.0054,
108.1742

■ 25.8827, 13.5655,
1.2571

■ 25.8809, 13.5628,
1.2538

Harmonies

Analogous

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



42.4295, 36.8046, 41.1816



41.5904, 36.8046, 31.7000



38.9413, 36.8046, 25.5503

Triad

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



41.5904, 36.8046, 31.7000



29.4534, 36.8046, 30.1015



34.5998, 36.8046, 63.5494

Complementary

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



41.5904, 36.8046, 31.7000



44.2948, 53.2349, 66.9724

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.



31.3000, 36.8046, 59.2643



41.5904, 36.8046, 31.7000



28.4607, 36.8046, 38.9863

Square

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



41.5904, 36.8046, 31.7000



31.9204, 36.8046, 24.7458



29.1129, 36.8046, 49.8062



38.2326, 36.8046, 60.7005

Rectangle

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



41.5904, 36.8046, 31.7000



36.5943, 36.8046, 23.5804



29.1129, 36.8046, 49.8062



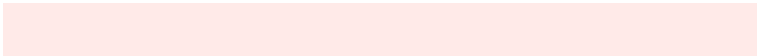
33.4171, 36.8046, 62.8800

Sweetspot

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



41.5914, 36.8063, 31.7007



85.1024, 85.6686, 88.4315



46.7449, 37.8714, 61.9102



17.8949, 17.8742, 18.2703



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.



41.5914, 36.8063, 31.7007



62.0807, 52.3354, 41.5741



46.9834, 47.5904, 33.4981



11.8692, 11.9290, 12.2890



16.3306, 8.5942, 0.7981



0.9351, 0.5245, 0.0520

Inverse Universe

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



44.2948, 53.2349, 66.9724



67.0930, 82.8231, 107.0580



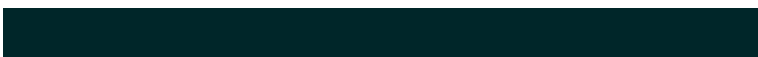
37.8643, 40.3739, 64.8289



12.0903, 13.2708, 15.1680



19.2258, 27.0983, 41.4097



1.0952, 1.5555, 2.3221

Previews

White Background



This preview shows how the XYZ color 41.5904, 36.8046, 31.7000 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 41.5904, 36.8046, 31.7000 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

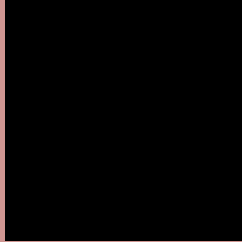
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.5904, 36.8046, 31.7000

Background



This preview shows how black text looks on a background with the XYZ color 41.5904, 36.8046, 31.7000.



This preview shows how white text looks on a background with the XYZ color 41.5904, 36.8046,

31.7000.

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

41.5904, 36.8046, 31.7000

Protanopia

35.1269, 36.8964, 34.9761

Deuteranopia

37.6783, 37.0017, 31.1428



Tritanopia

42.6177, 36.7460, 37.1942

Trichromacy



Original Color

41.5904, 36.8046, 31.7000

Protanomaly

37.1801, 36.6909, 33.5562

Deuteranomaly

39.0035, 36.9256, 31.4572

Tritanomaly

42.3521, 36.8896, 35.0252

Monochromacy



Original Color

41.5904, 36.8046, 31.7000

Achromatopsia

36.2450, 38.1326, 41.5264

Achromatomaly

37.7984, 37.4340, 37.5810

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.5904, 36.8046, 31.7000 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(207, 149, 145)` looks like.

```
.text, #text, p{  
    color:rgb(207, 149, 145)  
}
```

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(207, 149, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 149, 145) }
```

Border

The CSS property to change the border of an element to XYZ 41.5904, 36.8046, 31.7000 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(207, 149, 145) }
```


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

```
.border{ border-color:rgb(207, 149, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 149, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 149, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 149, 145);  
box-shadow:4px 4px 4px 4px rgb(207, 149,  
145) }
```

Background

The CSS property to change the background color of an element to XYZ 41.5904, 36.8046, 31.7000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 149, 145) }
```

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

```
.background{ background-color: rgb(207,  
149, 145) }
```

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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