

Converting Colors

XYZ(40.9795, 40.8799, 34.5854)

Have a look what the booklet for
XYZ(40.9795, 40.8799, 34.5854)
contains.

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Color

**XYZ(41.0620, 41.0459,
34.6126)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | C0A796 |
| RGB | 192, 167, 150 |
| RGB Percent | 75%, 65%, 59% |
| CMY | 0.2471, 0.3451, 0.4118 |
| CMYK | 0.00, 0.13, 0.22, 0.25 |
| HSL | 24°, 25%, 67% |
| HSV | 24°, 22%, 75% |
| XYZ | 41.0620, 41.0459, 34.6126 |
| YIQ | 172.5370, 20.3570, 0.0130 |

Conversions

Conversions Part 2

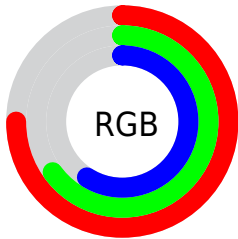
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 192, 179, 150 |
| Decimal | 12625814 |
| CIELab | 70.21, 6.40, 12.14 |
| CIELCh | 70, 13.720, 62.217 |
| Yxy | 41.0459, 0.3518, 0.3517 |
| Android (android.graphics.Color) | 4290815894 (0xFFC0A796) |
| YUV | 172.5370, -11.1107, 17.0691 |
| Hunter-Lab | 64.0671, 2.2872, 12.8152 |

Details

The XYZ color **41.0620, 41.0459, 34.6126** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **37.4219, 40.9488, 55.8011**, and the grayscale version is **39.5332, 41.5920, 45.2937**.

A 20% lighter version of the original color is **76.0873, 76.7419, 67.9292**, and **18.8641, 18.5656, 14.3937** is the 20% darker color. If you saturate the color by 10%, you get **37.6394, 36.4753, 26.4588**, and if you desaturate by 10%, it is **44.9252, 46.0915, 44.1640**.

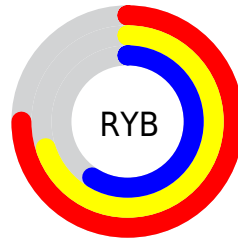
Distribution



Red (75%)

Green (65%)

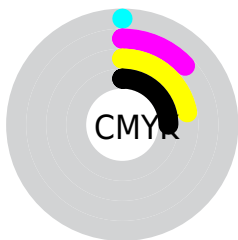
Blue (59%)



Red (75%)

Yellow (70%)

Blue (59%)

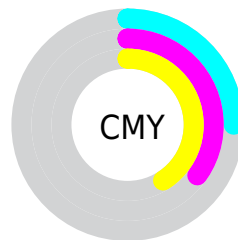


Cyan (0%)

Magenta (13%)

Yellow (22%)

Black (25%)



Cyan (25%)


Magenta (35%)


Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.0620, 41.0459, 34.6126 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 41.0620, 41.0459, 34.6126 by changing the saturation by 10% instead.


 41.0620, 41.0459,
34.6126


 41.0620, 41.0459,
34.6126


341.6378,
350.5124, 337.7072

 28.5554, 28.3550,
23.0835


 76.0521, 76.7536,
68.0299

 18.8873, 18.5934,
14.4493

 99.2664, 100.5391,
90.7552

 11.6924, 11.3768,
8.2915


126.7805,
128.7916, 118.0496

 6.6053, 6.3209,
4.1916

158.9600,
161.8954, 150.3316

 3.2606, 3.0412,
1.7310

196.1701,
200.2350, 188.0199

 1.2930, 1.1533,
0.3819

238.7762,

 0.1780, 0.0230,

244.1948, 231.5329

0.0000

287.1437,
294.1591, 281.2891

■ 0.0000, 0.0000,
0.0000

■ 41.0620, 41.0459,
34.6126

■ 41.0620, 41.0459,
34.6126

■ 37.6394, 36.4753,
26.4588

■ 44.9252, 46.0915,
44.1640

■ 34.6370, 32.3598,
19.6336

■ 49.2417, 51.6204,
55.1726

■ 32.0375, 28.6858,
14.0657

■ 54.0278, 57.6476,
67.6973

■ 29.8212, 25.4373,
9.6765

■ 59.2981, 64.1856,
81.7932

■ 27.9662, 22.5967,
6.3778

■ 65.0663, 71.2467,
97.5127

■ 26.4481, 20.1452,
4.0691

■ 69.6591, 78.1680,
106.0243

■ 25.2385, 18.0618,
2.6308

■ 73.0471, 84.9440,
107.1536

■ 24.4437, 16.6172,
1.9191

■ 75.5484, 89.9466,
107.9873

Harmonies

Analogous

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



42.7842, 41.0459, 38.4134



41.0620, 41.0459, 34.6126



38.8459, 41.0459, 33.4310

Triad

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



41.0620, 41.0459, 34.6126



34.8522, 41.0459, 45.1726



41.3624, 41.0459, 56.0014

Complementary

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



41.0620, 41.0459, 34.6126



37.4219, 40.9488, 55.8011

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.



39.1803, 41.0459, 58.2343



41.0620, 41.0459, 34.6126



35.4699, 41.0459, 51.6200

Square

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



41.0620, 41.0459, 34.6126



35.3133, 41.0459, 39.1680



37.0331, 41.0459, 56.5597



42.9623, 41.0459, 50.7124

Rectangle

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



41.0620, 41.0459, 34.6126



37.4016, 41.0459, 34.1861



37.0331, 41.0459, 56.5597



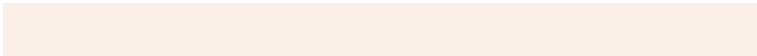
40.6698, 41.0459, 57.1560

Sweetspot

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



41.0631, 41.0478, 34.6135



85.0218, 88.1746, 89.1857



40.4026, 36.1227, 45.5039



18.1389, 18.7868, 18.8760



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



41.0631, 41.0478, 34.6135



71.4893, 70.5084, 55.6996



45.1842, 49.2900, 35.9872



10.4005, 10.7324, 10.5853



16.5200, 11.3258, 1.3154



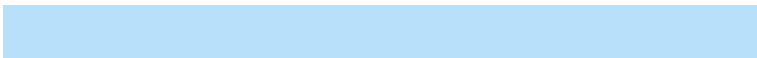
0.7814, 0.6245, 0.0794

Inverse Universe

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



37.4219, 40.9488, 55.8011



63.7764, 70.2950, 100.5672



33.6813, 33.4676, 54.5543



10.0155, 10.7222, 12.8266



10.5497, 10.8558, 35.0960



0.5220, 0.6015, 1.5385

Previews

White Background



This preview shows how the XYZ color 41.0620, 41.0459, 34.6126 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 41.0620, 41.0459, 34.6126 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

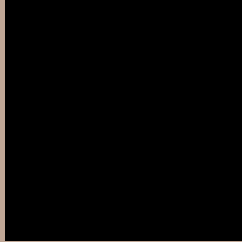
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.0620, 41.0459, 34.6126

Background



This preview shows how black text looks on a background with the XYZ color 41.0620, 41.0459, 34.6126.



This preview shows how white text looks on a background with the XYZ color 41.0620, 41.0459,

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

41.0620, 41.0459, 34.6126

Protanopia

38.8208, 40.9765, 35.5689

Deuteranopia

41.7251, 40.8480, 34.5395



Tritanopia

43.4393, 40.9311, 46.6853

Trichromacy



Original Color

41.0620, 41.0459, 34.6126

Protanomaly

39.7278, 41.1742, 35.1317

Deuteranomaly

41.6469, 41.0765, 34.5877

Tritanomaly

42.4986, 40.8103, 42.1965

Monochromacy



Original Color

41.0620, 41.0459, 34.6126

Achromatopsia

39.7200, 41.7885, 45.5077

Achromatomaly

40.1768, 41.5457, 41.4989

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.0620, 41.0459, 34.6126 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(192, 167, 150)` looks like.

```
.text, #text, p{  
    color:rgb(192, 167, 150)  
}
```

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(192, 167, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 167, 150) }
```

Border

The CSS property to change the border of an element to XYZ 41.0620, 41.0459, 34.6126 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(192, 167, 150) }
```


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

```
.border{ border-color:rgb(192, 167, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 167, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 167, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 167, 150);  
box-shadow:4px 4px 4px 4px rgb(192, 167,  
150) }
```

Background

The CSS property to change the background color of an element to XYZ 41.0620, 41.0459, 34.6126 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 167, 150) }
```

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

```
.background{ background-color: rgb(192,  
167, 150) }
```

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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