

Converting Colors

XYZ(40.1534, 41.1316, 26.2132)

Have a look what the booklet for
XYZ(40.1534, 41.1316, 26.2132)
contains.

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Color

**XYZ(40.1470, 41.0331,
26.2263)**

Conversions

Conversions Part 1

Format	Color
Hex	C2A880
RGB	194, 168, 128
RGB Percent	76%, 66%, 50%
CMY	0.2392, 0.3412, 0.4980
CMYK	0.00, 0.13, 0.34, 0.24
HSL	36°, 35%, 63%
HSV	36°, 34%, 76%
XYZ	40.1470, 41.0331, 26.2263
YIQ	171.2140, 28.3360, -6.9280

Conversions

Conversions Part 2

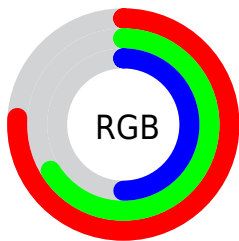
Format	Color
RYB	171, 194, 128
Decimal	12757120
CIELab	70.20, 3.60, 24.18
CIElCh	70, 24.448, 81.520
Yxy	41.0331, 0.3738, 0.3820
Android (android.graphics.Color)	4290947200 (0xFFC2A880)
YUV	171.2140, -21.3045, 19.9833
Hunter-Lab	64.0571, -0.2272, 20.5654

Details

The XYZ color **40.1470, 41.0331, 26.2263** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **30.1949, 31.5944, 55.5457**, and the grayscale version is **38.9109, 40.9373, 44.5807**.

A 20% lighter version of the original color is **74.5118, 76.6208, 54.5782**, and **18.2680, 18.5298, 9.8215** is the 20% darker color. If you saturate the color by 10%, you get **37.6210, 37.8329, 19.6754**, and if you desaturate by 10%, it is **43.0022, 44.5006, 34.0923**.

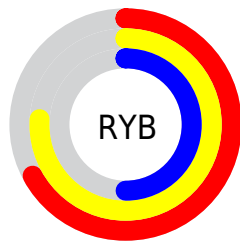
Distribution



Red (76%)

Green (66%)

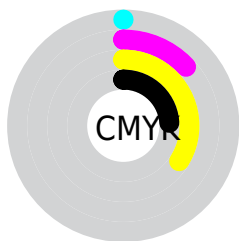
Blue (50%)



Red (67%)

Yellow (76%)

Blue (50%)

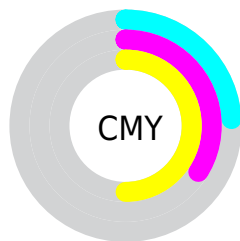


Cyan (0%)

Magenta (13%)

Yellow (34%)

Black (24%)



Cyan (24%)


Magenta (34%)


Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 40.1470, 41.0331, 26.2263 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 40.1470, 41.0331, 26.2263 by changing the saturation by 10% instead.


 40.1470, 41.0331,
26.2263


 40.1470, 41.0331,
26.2263


337.8666,
350.4589, 297.5320

 27.8379, 28.3449,
16.7657


 74.6702, 76.7341,
54.6284

 18.3433, 18.5858,
9.9074


 97.6151, 100.5158,
74.4069

 11.2979, 11.3714,
5.2328


 124.8358,
128.7641, 98.4619

 6.3364, 6.3172,
2.3234

156.6979,
161.8635, 127.2118

 3.0933, 3.0389,
0.7443

193.5667,
200.1982, 161.0753

 1.2033, 1.1521,
0.0000

235.8075,

 0.1090, 0.0220,

244.1528, 200.4708

0.0000

283.7857,
294.1116, 245.8168

■ 0.0000, 0.0000,
0.0000

■ 40.1470, 41.0331,
26.2263

■ 40.1470, 41.0331,
26.2263

■ 37.6210, 37.8329,
19.6754

■ 43.0022, 44.5006,
34.0923

■ 35.4057, 34.8858,
14.3632

■ 46.1976, 48.2376,
43.3390

■ 33.4852, 32.1848,
10.2090

■ 49.7476, 52.2534,
54.0307

■ 31.8410, 29.7200,
7.1216

■ 53.6648, 56.5552,
66.2269

■ 30.4514, 27.4802,
4.9957

■ 57.9609, 61.1497,
79.9835

■ 29.2911, 25.4529,
3.7043

■ 62.6473, 66.0434,
95.3537

■ 28.6782, 24.3296,
3.1846

■ 66.2848, 70.6628,
104.7534

■ 68.3544, 74.8020,
105.4433

■ 70.5171, 79.1274,
106.1642

Harmonies

Analogous

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



43.9899, 41.0331, 29.5451



40.1470, 41.0331, 26.2263



36.2442, 41.0331, 27.1455

Triad

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



40.1470, 41.0331, 26.2263



32.2682, 41.0331, 53.2641



45.3433, 41.0331, 59.8496

Complementary

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



40.1470, 41.0331, 26.2263



30.1949, 31.5944, 55.5457

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.



41.8936, 41.0331, 68.4884



40.1470, 41.0331, 26.2263



34.4038, 41.0331, 64.2563

Square

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



40.1470, 41.0331, 26.2263



31.8710, 41.0331, 41.5051



37.8765, 41.0331, 70.2260



47.1216, 41.0331, 48.0088

Rectangle

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



40.1470, 41.0331, 26.2263



34.1167, 41.0331, 30.1197



37.8765, 41.0331, 70.2260



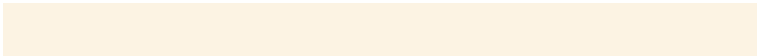
44.3299, 41.0331, 63.3028

Sweetspot

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



40.1480, 41.0350, 26.2271



86.1047, 90.1433, 85.6827



35.8337, 29.2546, 34.5053



18.6579, 19.5150, 18.1711



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.



40.1480, 41.0350, 26.2271



69.1927, 69.8762, 38.2516



43.7797, 50.7574, 27.9123



10.5697, 11.0708, 10.6417



18.9369, 16.1595, 2.1210



0.8838, 0.8294, 0.1135

Inverse Universe

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



30.1949, 31.5944, 55.5457



48.3779, 50.1440, 99.5988



27.3846, 24.4517, 54.3152



9.8465, 10.3843, 12.7702



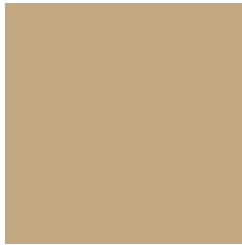
8.1950, 6.1465, 34.3111



0.4213, 0.4000, 1.5049

Previews

White Background



This preview shows how the XYZ color 40.1470, 41.0331, 26.2263 looks on a white background.

Color Contrast Check

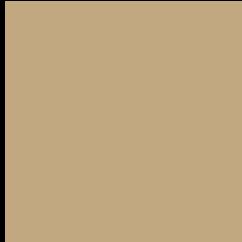
Large Text (above 18pt) WCAG AA × Fail

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 40.1470, 41.0331, 26.2263 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

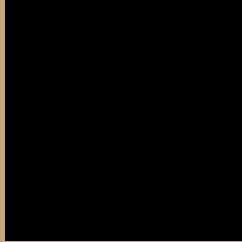
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 40.1470, 41.0331, 26.2263

Background



This preview shows how black text looks on a background with the XYZ color 40.1470, 41.0331, 26.2263.



This preview shows how white text looks on a background with the XYZ color 40.1470, 41.0331,

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

40.1470, 41.0331, 26.2263

Protanopia

38.5490, 41.3071, 27.0604

Deuteranopia

41.7747, 41.0518, 26.4909



Tritanopia

44.1135, 41.0388, 45.6406

Trichromacy



Original Color

40.1470, 41.0331, 26.2263

Protanomaly

39.2644, 41.4022, 26.6908

Deuteranomaly

41.1519, 40.9995, 26.5136

Tritanomaly

42.3872, 40.8556, 37.5502

Monochromacy



Original Color

40.1470, 41.0331, 26.2263

Achromatopsia

38.7082, 40.7240, 44.3485

Achromatomaly

38.8815, 40.6997, 36.8169

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.1470, 41.0331, 26.2263 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(194, 168, 128)` looks like.

```
.text, #text, p{  
    color:rgb(194, 168, 128)  
}
```

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(194, 168, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 168, 128) }
```

Border

The CSS property to change the border of an element to XYZ 40.1470, 41.0331, 26.2263 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(194, 168, 128) }
```


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

```
.border{ border-color:rgb(194, 168, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 168, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 168, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 168, 128);  
box-shadow:4px 4px 4px 4px rgb(194, 168,  
128) }
```

Background

The CSS property to change the background color of an element to XYZ 40.1470, 41.0331, 26.2263 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 168, 128) }
```

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

```
.background{ background-color: rgb(194,  
168, 128) }
```

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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