

Converting Colors

XYZ(40.6418, 42.1275, 26.0680)

Have a look what the booklet for
XYZ(40.6418, 42.1275, 26.0680)
contains.

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Color

**XYZ(40.6418, 42.1275,
26.0680)**

Conversions

Conversions Part 1

Format	Color
Hex	C2AB7F
RGB	194, 171, 127
RGB Percent	76%, 67%, 50%
CMY	0.2392, 0.3294, 0.5020
CMYK	0.00, 0.12, 0.35, 0.24
HSL	39°, 35%, 63%
HSV	39°, 35%, 76%
XYZ	40.6418, 42.1275, 26.0680
YIQ	172.8610, 27.8320, -8.8080

Conversions

Conversions Part 2

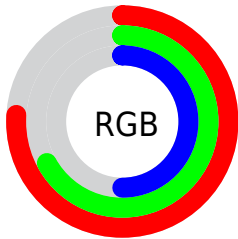
Format	Color
RYB	162, 194, 127
Decimal	12757887
CIELab	70.96, 1.87, 25.74
CIElCh	71, 25.808, 85.855
Yxy	42.1275, 0.3734, 0.3871
Android (android.graphics.Color)	4290947967 (0xFFC2AB7F)
YUV	172.8610, -22.6095, 18.5389
Hunter-Lab	64.9057, -1.8142, 21.6214

Details

The XYZ color **40.6418, 42.1275, 26.0680** is a light color, and the websafe version is hex **999966**. A complement of this color would be **29.3960, 30.2187, 55.3224**, and the grayscale version is **39.7522, 41.8224, 45.5446**.

A 20% lighter version of the original color is **75.2182, 78.1972, 54.3092**, and **18.5838, 19.2184, 9.7512** is the 20% darker color. If you saturate the color by 10%, you get **38.2713, 39.2188, 19.6293**, and if you desaturate by 10%, it is **43.3212, 45.2642, 33.8118**.

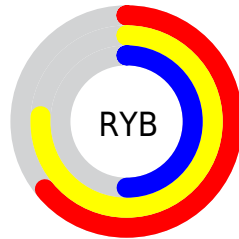
Distribution



Red (76%)

Green (67%)

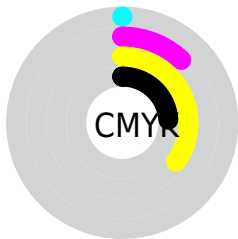
Blue (50%)



Red (64%)

Yellow (76%)

Blue (50%)

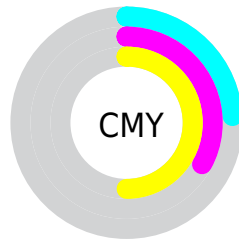


Cyan (0%)

Magenta (12%)

Yellow (35%)

Black (24%)



Cyan (24%)

Magenta (33%)

Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 40.6418, 42.1275, 26.0680 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 40.6418, 42.1275, 26.0680 by changing the saturation by 10% instead.


 40.6418, 42.1275,
26.0680


 40.6418, 42.1275,
26.0680


339.9095,
355.0112, 296.7318

 28.2257, 29.2011,
16.6483


 75.4180, 78.3926,
54.3701

 18.6372, 19.2330,
9.8248


 98.5088, 102.5000,
74.0895

 11.5109, 11.8388,
5.1788


 125.8886,
131.1034, 98.0792

 6.4814, 6.6340,
2.2920

157.9227,
164.5869, 126.7579

 3.1834, 3.2343,
0.7267

194.9765,
203.3351, 160.5439

 1.2515, 1.2552,
0.0000

237.4153,

 0.1464, 0.1061,

247.7322, 199.8559

0.0000

285.6046,
298.1628, 245.1123

■ 0.0000, 0.0000,
0.0000

■ 40.6418, 42.1275,
26.0680

■ 40.6418, 42.1275,
26.0680

■ 38.2713, 39.2188,
19.6293

■ 43.3212, 45.2642,
33.8118

■ 36.1917, 36.5248,
14.4188

■ 46.3203, 48.6301,
42.9262

■ 34.3876, 34.0395,
10.3558


■ 49.6529, 52.2336,
53.4756


■ 32.8407, 31.7538,
7.3486


■ 53.3311, 56.0810,
65.5196


■ 31.5299, 29.6579,
5.2911


■ 57.3664, 60.1782,
79.1141


 30.4299, 27.7400,
4.0552

 61.7696, 64.5310,
94.3123

 29.8914, 26.7559,
3.5890

 65.2694, 68.6319,
104.4150

 67.0269, 72.1469,
105.0008

 68.8545, 75.8021,
105.6100

Harmonies

Analogous

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



44.8652, 42.1275, 28.9256



40.6418, 42.1275, 26.0680



36.5412, 42.1275, 27.6846

Triad

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



40.6418, 42.1275, 26.0680



33.0494, 42.1275, 56.9945



47.2837, 42.1275, 60.4915

Complementary

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



40.6418, 42.1275, 26.0680



29.3960, 30.2187, 55.3224

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.



43.7572, 42.1275, 70.6590



40.6418, 42.1275, 26.0680



35.5755, 42.1275, 68.3996

Square

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



40.6418, 42.1275, 26.0680



32.3450, 42.1275, 44.1786



39.4460, 42.1275, 73.7839



48.8699, 42.1275, 47.6034

Rectangle

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



40.6418, 42.1275, 26.0680



34.3942, 42.1275, 31.2705



39.4460, 42.1275, 73.7839



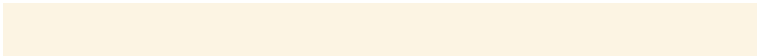
46.2741, 42.1275, 64.4248

Sweetspot

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



40.6429, 42.1294, 26.0689



86.4877, 90.9093, 85.8103



35.3791, 28.8650, 32.7517



18.7530, 19.7051, 18.2028



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.



40.6429, 42.1294, 26.0689



70.5223, 72.5352, 38.6947



42.8779, 50.3001, 27.5282



10.6130, 11.1573, 10.6561



19.7315, 17.7487, 2.3859



0.9146, 0.8910, 0.1238

Inverse Universe

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



29.3960, 30.2187, 55.3224



47.2648, 47.9177, 99.2277



27.6521, 24.3969, 54.2906



9.8046, 10.3006, 12.7563



7.7749, 5.3063, 34.1711



0.4007, 0.3587, 1.4980

Previews

White Background



This preview shows how the XYZ color 40.6418, 42.1275, 26.0680 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 40.6418, 42.1275, 26.0680 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 40.6418, 42.1275, 26.0680

Background



This preview shows how black text looks on a background with the XYZ color 40.6418, 42.1275, 26.0680.



This preview shows how white text looks on a background with the XYZ color 40.6418, 42.1275,

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

40.6418, 42.1275, 26.0680

Protanopia

39.2820, 42.2697, 26.5106

Deuteranopia

42.8918, 42.1751, 26.3020



Tritanopia

45.0307, 42.0046, 47.3293

Trichromacy



Original Color

40.6418, 42.1275, 26.0680

Protanomaly

39.8261, 42.2645, 26.4809

Deuteranomaly

41.9863, 41.9813, 26.3124

Tritanomaly

43.3654, 42.1464, 38.6504

Monochromacy



Original Color

40.6418, 42.1275, 26.0680

Achromatopsia

39.7200, 41.7885, 45.5077

Achromatomaly

39.8093, 41.7291, 37.4088

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.6418, 42.1275, 26.0680 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, 171, 127)` looks like.

```
.text, #text, p{  
    color:rgb(194, 171, 127)  
}
```

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, 171, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 171, 127) }
```

Border

The CSS property to change the border of an element to XYZ 40.6418, 42.1275, 26.0680 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, 171, 127) }
```


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

```
.border{ border-color:rgb(194, 171, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 171, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 171, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 171, 127);  
box-shadow:4px 4px 4px 4px rgb(194, 171,  
127) }
```

Background

The CSS property to change the background color of an element to XYZ 40.6418, 42.1275, 26.0680 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 171, 127) }
```

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

```
.background{ background-color: rgb(194,  
171, 127) }
```

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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