

Converting Colors

XYZ(40.1328, 42.7798, 41.9272)

Have a look what the booklet for
XYZ(40.1328, 42.7798, 41.9272)
contains.

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Color

**XYZ(40.0260, 42.6067,
41.7116)**

Conversions

Conversions Part 1

Format	Color
Hex	B0AFA5
RGB	176, 175, 165
RGB Percent	69%, 69%, 65%
CMY	0.3098, 0.3137, 0.3529
CMYK	0.00, 0.01, 0.06, 0.31
HSL	55°, 7%, 67%
HSV	55°, 6%, 69%
XYZ	40.0260, 42.6067, 41.7116
YIQ	174.1590, 3.8060, -2.8980

Conversions

Conversions Part 2

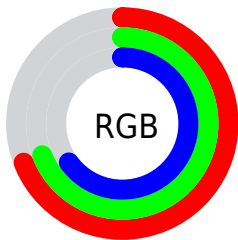
Format	Color
RYB	166, 176, 165
Decimal	11579301
CIELab	71.29, -1.46, 5.24
CIELCh	71, 5.441, 105.591
Yxy	42.6067, 0.3219, 0.3427
Android (android.graphics.Color)	4289769381 (0xFFB0AFA5)
YUV	174.1590, -4.5154, 1.6146
Hunter-Lab	65.2738, -4.7727, 7.8039

Details

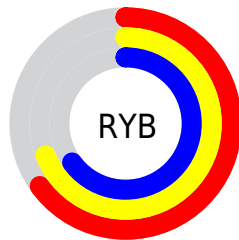
The XYZ color **40.0260, 42.6067, 41.7116** is a light color, and the websafe version is hex **999999**. A complement of this color would be **36.9897, 38.4057, 46.5382**, and the grayscale version is **40.3359, 42.4365, 46.2134**.

A 20% lighter version of the original color is **74.4938, 78.9167, 79.0164**, and **18.3758, 19.6433, 18.4458** is the 20% darker color. If you saturate the color by 10%, you get **38.2250, 41.3941, 33.7443**, and if you desaturate by 10%, it is **42.0535, 43.9185, 50.8432**.

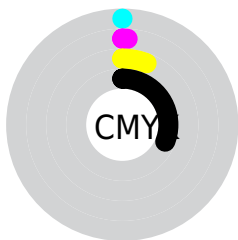
Distribution



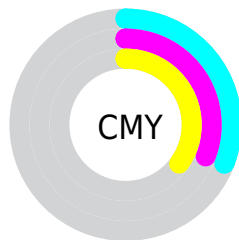
- Red (69%)
- Green (69%)
- Blue (65%)



- Red (65%)
- Yellow (69%)
- Blue (65%)



- Cyan (0%)
- Magenta (1%)
- Yellow (6%)
- Black (31%)



- Cyan (31%)
- Magenta (31%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 40.0260, 42.6067, 41.7116 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 40.0260, 42.6067, 41.7116 by changing the saturation by 10% instead.

■ 40.0260, 42.6067,
41.7116

■ 40.0260, 42.6067,
41.7116

337.3657,
356.9918, 369.0503

■ 27.7431, 29.5766,
28.5517

■ 74.4872, 79.1170,
79.0283

■ 18.2716, 19.5175,
18.4993

■ 97.3962, 103.3661,
104.0222

■ 11.2460, 12.0448,
11.1359

124.5780,
132.1236, 133.7978

■ 6.3011, 6.7742,
6.0430

156.3979,
165.7740, 168.7736

■ 3.0714, 3.3213,
2.8020

193.2212,
204.7016, 209.3682

■ 1.1916, 1.3017,
0.9945

235.4134,

■ 0.0997, 0.1425,

249.2908, 256.0002

0.0000

283.3398,
299.9261, 309.0881

■ 0.0000, 0.0000,
0.0000

■ 40.0260, 42.6067,
41.7116

■ 40.0260, 42.6067,
41.7116

■ 38.2250, 41.3941,
33.7443

■ 42.0535, 43.9185,
50.8432

■ 36.6381, 40.2716,
26.8913

■ 44.3124, 45.3274,
61.1806

■ 35.2568, 39.2372,
21.1033

■ 46.8120, 46.8385,
72.7670

■ 34.0709, 38.2867,
16.3259

■ 49.5598, 48.4547,
85.6424

■ 33.0691, 37.4156,
12.5003

■ 52.5631, 50.1792,
99.8451

■ 32.2390, 36.6190,
9.5614

■ 53.2138, 50.9685,
101.6410

■ 31.5667, 35.8913,
7.4358

■ 53.5482, 51.6373,
101.7524

■ 31.0361, 35.2259,
6.0386

■ 53.8864, 52.3136,
101.8652

■ 30.6257, 34.6144,
5.2566

■ 54.2283, 52.9974,
101.9791

Harmonies

Analogous

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



40.9352, 42.6067, 41.6866



40.0260, 42.6067, 41.7116



39.2542, 42.6067, 42.9586

Triad

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



40.0260, 42.6067, 41.7116



39.2793, 42.6067, 50.0797



42.2220, 42.6067, 47.6549

Complementary

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



40.0260, 42.6067, 41.7116



36.9897, 38.4057, 46.5382

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.



41.7645, 42.6067, 50.0024



40.0260, 42.6067, 41.7116



40.0608, 42.6067, 51.4377

Square

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



40.0260, 42.6067, 41.7116



38.8275, 42.6067, 47.7570



40.9705, 42.6067, 51.4089



42.2124, 42.6067, 45.0521

Rectangle

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



40.0260, 42.6067, 41.7116



38.9174, 42.6067, 44.3430



40.9705, 42.6067, 51.4089



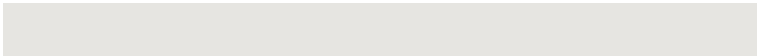
42.1175, 42.6067, 48.5021

Sweetspot

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



40.0272, 42.6086, 41.7125



74.0938, 78.2570, 82.3697



38.2523, 38.8978, 41.6170



16.0661, 16.9652, 17.8902



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



40.0272, 42.6086, 41.7125



72.2942, 77.0781, 74.3079



39.2430, 42.4932, 41.7316



9.2105, 9.8260, 9.4158



22.3899, 25.2784, 3.6991



0.7235, 0.8335, 0.1227

Inverse Universe

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



36.9897, 38.4057, 46.5382



66.0522, 68.4414, 84.2245



37.7403, 38.5248, 46.5216



8.3776, 8.6736, 10.7390



5.9049, 2.6102, 30.3296



0.2060, 0.1225, 0.9610

Previews

White Background



This preview shows how the XYZ color 40.0260, 42.6067, 41.7116 looks on a white background.

Color Contrast Check

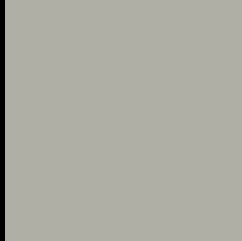
Large Text (above 18pt) WCAG AA × Fail

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 40.0260, 42.6067, 41.7116 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

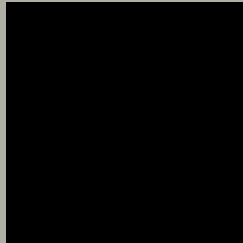
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

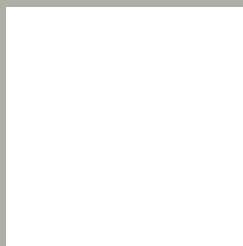
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 40.0260, 42.6067, 41.7116

Background



This preview shows how black text looks on a background with the XYZ color 40.0260, 42.6067, 41.7116.



This preview shows how white text looks on a background with the XYZ color 40.0260, 42.6067,

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

40.0260, 42.6067, 41.7116

Protanopia

40.6593, 42.6557, 41.2124

Deuteranopia

43.3190, 42.5984, 42.0156



Tritanopia

42.0999, 42.5915, 51.9010

Trichromacy



Original Color

40.0260, 42.6067, 41.7116

Protanomaly

40.4273, 42.5361, 41.2015

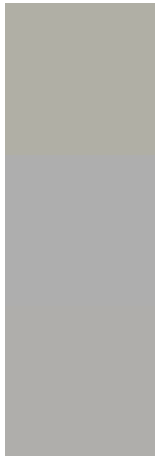
Deuteranomaly

41.9394, 42.4438, 42.0584

Tritanomaly

41.3395, 42.5665, 48.1568

Monochromacy



Original Color

40.0260, 42.6067, 41.7116

Achromatopsia

40.2316, 42.3268, 46.0938

Achromatomaly

40.1659, 42.3263, 44.5809

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.0260, 42.6067, 41.7116 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(176, 175, 165)` looks like.

```
.text, #text, p{  
    color:rgb(176, 175, 165)  
}
```

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(176, 175, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 175, 165) }
```

Border

The CSS property to change the border of an element to XYZ 40.0260, 42.6067, 41.7116 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(176, 175, 165) }
```


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

```
.border{ border-color:rgb(176, 175, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 175, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 175, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 175, 165);  
box-shadow:4px 4px 4px 4px rgb(176, 175,  
165) }
```

Background

The CSS property to change the background color of an element to XYZ 40.0260, 42.6067, 41.7116 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 175, 165) }
```

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

```
.background{ background-color: rgb(176,  
175, 165) }
```

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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