

Converting Colors

XYZ(40.0894, 44.6872, 41.9093)

Have a look what the booklet for
XYZ(40.0894, 44.6872, 41.9093)
contains.

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Color

**XYZ(40.0970, 44.7186,
42.1155)**

Conversions

Conversions Part 1

Format	Color
Hex	AAB6A5
RGB	170, 182, 165
RGB Percent	67%, 71%, 65%
CMY	0.3333, 0.2863, 0.3529
CMYK	0.07, 0.00, 0.09, 0.29
HSL	102°, 10%, 68%
HSV	102°, 9%, 71%
XYZ	40.0970, 44.7186, 42.1155
YIQ	176.4740, -1.6950, -7.8310

Conversions

Conversions Part 2

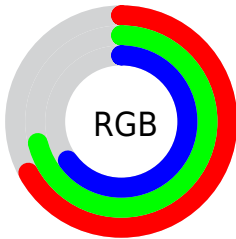
Format	Color
RYB	165, 182, 177
Decimal	11187877
CIELab	72.71, -7.36, 7.22
CIELCh	73, 10.308, 135.539
Yxy	44.7186, 0.3159, 0.3523
Android (android.graphics.Color)	4289377957 (0xFFAAB6A5)
YUV	176.4740, -5.6567, -5.6777
Hunter-Lab	66.8720, -9.9958, 9.4699

Details

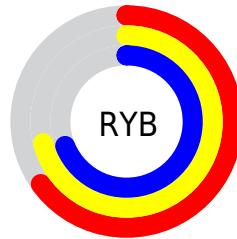
The XYZ color **40.0970, 44.7186, 42.1155** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **40.0320, 39.6361, 49.7990**, and the grayscale version is **41.5446, 43.7082, 47.5982**.

A 20% lighter version of the original color is **74.5441, 82.3239, 79.6714**, and **18.3021, 20.7443, 18.6622** is the 20% darker color. If you saturate the color by 10%, you get **35.9139, 42.7414, 33.8790**, and if you desaturate by 10%, it is **44.7899, 46.9339, 51.6084**.

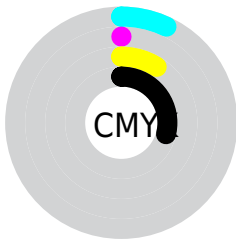
Distribution



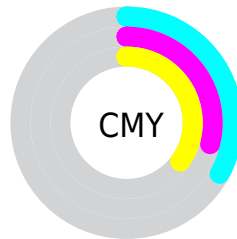
- Red (67%)
- Green (71%)
- Blue (65%)



- Red (65%)
- Yellow (71%)
- Blue (69%)



- Cyan (7%)
- Magenta (0%)
- Yellow (9%)
- Black (29%)



- Cyan (33%)
- Magenta (29%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 40.0970, 44.7186, 42.1155 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 40.0970, 44.7186, 42.1155 by changing the saturation by 10% instead.

■ 40.0970, 44.7186,
42.1155

■ 40.0970, 44.7186,
42.1155

337.6597,
365.6327, 370.7753

■ 27.7987, 31.2358,
28.8655

■ 74.5946, 82.2980,
79.6464

■ 18.3137, 20.7785,
18.7344

■ 97.5246, 107.1634,
104.7643

■ 11.2765, 12.9622,
11.3036

124.7293,
136.5918, 134.6753

■ 6.3218, 7.4025,
6.1547

156.5740,
170.9676, 169.7980

■ 3.0842, 3.7151,
2.8691

193.4240,
210.6752, 210.5507

■ 1.1985, 1.5155,
1.0282

235.6447,

■ 0.1052, 0.2996,

256.0990, 257.3522

0.0000

283.6015,
307.6233, 310.6208

■ 0.0000, 0.0000,
0.0000

■ 40.0970, 44.7186,
42.1155

■ 40.0970, 44.7186,
42.1155

■ 35.9139, 42.7414,
33.8790

■ 44.7899, 46.9339,
51.6084

■ 32.2193, 40.9887,
26.8434

■ 50.0056, 49.3892,
62.4042

■ 28.9956, 39.4538,
20.9534

■ 55.7613, 52.0935,
74.5507

■ 26.2229, 38.1279,
16.1483

■ 62.0724, 55.0538,
88.0922

■ 23.8797, 37.0013,
12.3618

■ 68.7915, 58.2119,
102.2181

■ 21.9424, 36.0635,
9.5201

■ 73.1703, 60.4692,
102.4230

■ 20.3853, 35.3031,
7.5397

■ 76.0189, 61.9377,
102.5563

■ 19.1788, 34.7068,
6.3223

■ 18.2761, 34.2546,
5.6829

Harmonies

Analogous

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



41.5894, 44.7186, 39.8081



40.0970, 44.7186, 42.1155



39.2610, 44.7186, 46.2736

Triad

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



40.0970, 44.7186, 42.1155



41.6510, 44.7186, 58.8601



45.9025, 44.7186, 46.1007

Complementary

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



40.0970, 44.7186, 42.1155



40.0320, 39.6361, 49.7990

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.



45.9201, 44.7186, 51.1911



40.0970, 44.7186, 42.1155



43.4313, 44.7186, 58.8057

Square

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



40.0970, 44.7186, 42.1155



40.1410, 44.7186, 56.0613



45.0048, 44.7186, 55.9175



44.9573, 44.7186, 41.9966

Rectangle

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



40.0970, 44.7186, 42.1155



39.1730, 44.7186, 49.6475



45.0048, 44.7186, 55.9175



46.0180, 44.7186, 47.7468

Sweetspot

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



40.0982, 44.7205, 42.1165



77.9356, 83.5476, 86.9077



41.7872, 44.0685, 41.9016



17.0607, 18.3810, 18.8852



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



40.0982, 44.7205, 42.1165



71.2268, 80.3804, 73.4307



39.3516, 44.2994, 43.7190



9.1319, 10.1846, 9.5914



12.9279, 24.2009, 3.9899



0.5197, 0.8861, 0.1436

Inverse Universe

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



40.0320, 39.6361, 49.7990



71.0845, 69.4804, 89.9002



40.8445, 40.0951, 48.0245



9.1168, 9.0266, 11.3412



12.3701, 5.6882, 31.6990



0.4947, 0.2307, 1.1202

Previews

White Background



This preview shows how the XYZ color 40.0970, 44.7186, 42.1155 looks on a white background.

Color Contrast Check

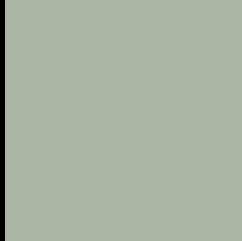
Large Text (above 18pt) WCAG AA × Fail

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 40.0970, 44.7186, 42.1155 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

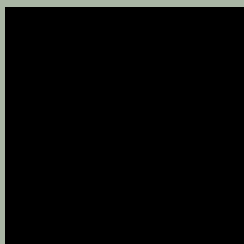
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

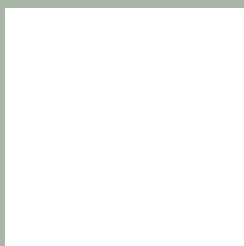
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 40.0970, 44.7186, 42.1155

Background



This preview shows how black text looks on a background with the XYZ color 40.0970, 44.7186, 42.1155.



This preview shows how white text looks on a background with the XYZ color 40.0970, 44.7186,

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

40.0970, 44.7186, 42.1155

Protanopia

42.5388, 44.7994, 41.0554

Deuteranopia

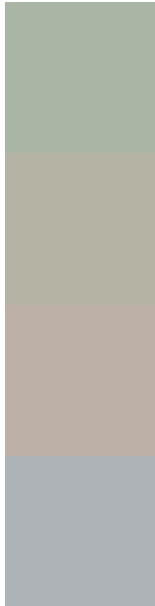
45.5470, 44.5744, 42.7624



Tritanopia

42.8904, 44.6452, 56.2260

Trichromacy



Original Color

40.0970, 44.7186, 42.1155

Protanomaly

41.6433, 44.6238, 41.5404

Deuteranomaly

43.3945, 44.6227, 42.4023

Tritanomaly

41.7972, 44.5018, 50.6427

Monochromacy



Original Color

40.0970, 44.7186, 42.1155

Achromatopsia

41.2663, 43.4154, 47.2793

Achromatomaly

40.8223, 43.8180, 45.3359

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.0970, 44.7186, 42.1155 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(170, 182, 165)` looks like.

```
.text, #text, p{  
    color:rgb(170, 182, 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(170, 182, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 182, 165) }
```

Border

The CSS property to change the border of an element to XYZ 40.0970, 44.7186, 42.1155 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(170, 182, 165) }
```


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

```
.border{ border-color:rgb(170, 182, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 182, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 182, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 182, 165);  
box-shadow:4px 4px 4px 4px rgb(170, 182,  
165) }
```

Background

The CSS property to change the background color of an element to XYZ 40.0970, 44.7186, 42.1155 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 182, 165) }
```

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

```
.background{ background-color: rgb(170,  
182, 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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