

Converting Colors

XYZ(41.1771, 42.5593, 46.5644)

Have a look what the booklet for
XYZ(41.1771, 42.5593, 46.5644)
contains.

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Color

**XYZ(41.2718, 42.5660,
46.5982)**

Conversions

Conversions Part 1

Format	Color
Hex	B3ADAF
RGB	179, 173, 175
RGB Percent	70%, 68%, 69%
CMY	0.2980, 0.3216, 0.3137
CMYK	0.00, 0.03, 0.02, 0.30
HSL	340°, 4%, 69%
HSV	340°, 3%, 70%
XYZ	41.2718, 42.5660, 46.5982
YIQ	175.0220, 2.9340, 1.8940

Conversions

Conversions Part 2

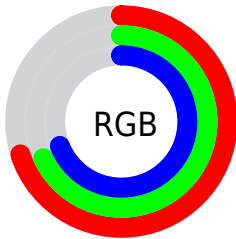
Format	Color
RYB	179, 173, 175
Decimal	11775407
CIELab	71.26, 2.51, -0.27
CIELCh	71, 2.521, 353.824
Yxy	42.5660, 0.3164, 0.3263
Android (android.graphics.Color)	4289965487 (0xFFB3ADAF)
YUV	175.0220, -0.0108, 3.4887
Hunter-Lab	65.2426, -1.2574, 3.3232

Details

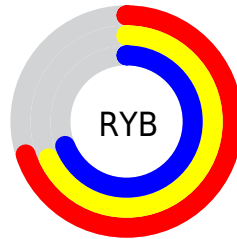
The XYZ color **41.2718, 42.5660, 46.5982** is a light color, and the websafe version is hex **999999**. A complement of this color would be **41.2911, 44.2998, 47.9716**, and the grayscale version is **40.7589, 42.8816, 46.6980**.

A 20% lighter version of the original color is **76.2873, 78.8621, 86.0641**, and **19.0167, 19.5404, 21.5083** is the 20% darker color. If you saturate the color by 10%, you get **36.9457, 35.7078, 39.6243**, and if you desaturate by 10%, it is **46.1639, 50.3891, 54.2735**.

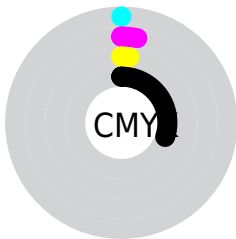
Distribution



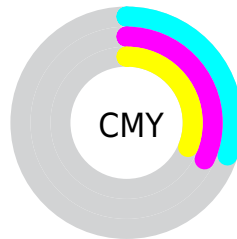
- Red (70%)
- Green (68%)
- Blue (69%)



- Red (70%)
- Yellow (68%)
- Blue (69%)



- Cyan (0%)
- Magenta (3%)
- Yellow (2%)
- Black (30%)



- Cyan (30%)
- Magenta (32%)
- Yellow (31%)
- Black (3%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.2718, 42.5660, 46.5982 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 41.2718, 42.5660, 46.5982 by changing the saturation by 10% instead.

■ 41.2718, 42.5660,
46.5982

■ 41.2718, 42.5660,
46.5982

342.4985,
356.8239, 389.5556

■ 28.7201, 29.5447,
32.3661

■ 76.3684, 79.0555,
86.4572

■ 19.0124, 19.4933,
21.3741

99.6441, 103.2926,
112.9212

■ 11.7833, 12.0273,
13.2038

127.2251,
132.0370, 144.2996

■ 6.6675, 6.7622,
7.4367

159.4769,
165.6733, 181.0108

■ 3.2995, 3.3139,
3.6541

196.7648,
204.5857, 223.4735

■ 1.3140, 1.2977,
1.4376

239.4541,

■ 0.1937, 0.1394,

249.1586, 272.1062

0.1708

287.9103,
299.7766, 327.3274

■ 0.0000, 0.0000,
0.0000

■ 41.2718, 42.5660,
46.5982

■ 41.2718, 42.5660,
46.5982

■ 36.9457, 35.7078,
39.6243

■ 46.1639, 50.3891,
54.2735

■ 33.1611, 29.7716,
33.3288

■ 51.6381, 59.2069,
62.6666

■ 29.8972, 24.7194,
27.6915

■ 57.7143, 69.0547,
71.7969

■ 27.1302, 20.5085,
22.6902

■ 64.4105, 79.9645,
81.6823

■ 24.8345, 17.0925,
18.3014

■ 69.3026, 87.0846,
91.5262

■ 22.9822, 14.4207,
14.4999

■ 71.0835, 87.7970,
100.9040

■ 21.5421, 12.4362,
11.2586

■ 72.4006, 88.3238,
107.8400

■ 20.4789, 11.0740,
8.5479

■ 19.7504, 10.2562,
6.3349

Harmonies

Analogous

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



41.1179, 42.5660, 47.7358



41.2718, 42.5660, 46.5982



41.2064, 42.5660, 45.4125

Triad

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



41.2718, 42.5660, 46.5982



40.1300, 42.5660, 44.2486



39.9795, 42.5660, 48.2531

Complementary

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



41.2718, 42.5660, 46.5982



41.2911, 44.2998, 47.9716

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.



39.7182, 42.5660, 47.2945



41.2718, 42.5660, 46.5982



39.8047, 42.5660, 44.9856

Square

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



41.2718, 42.5660, 46.5982



40.5453, 42.5660, 44.0695



39.6544, 42.5660, 46.0970



40.3703, 42.5660, 48.7020

Rectangle

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



41.2718, 42.5660, 46.5982



41.0474, 42.5660, 44.7527



39.6544, 42.5660, 46.0970



39.8737, 42.5660, 47.9790

Sweetspot

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



41.2730, 42.5678, 46.5991



75.8701, 79.3488, 86.5503



41.2131, 42.4909, 48.6777



16.8191, 17.5958, 19.1912



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



41.2730, 42.5678, 46.5991



73.3288, 75.2989, 82.5192



41.2707, 42.8747, 45.6379



9.0664, 9.2761, 10.1746



13.7332, 7.0108, 3.7552



0.4599, 0.2317, 0.2643

Inverse Universe

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



41.2730, 42.5678, 46.5991



73.3288, 75.2989, 82.5192



41.2920, 43.9808, 48.9611



9.0664, 9.2761, 10.1746



13.7332, 7.0108, 3.7552



0.4599, 0.2317, 0.2643

Previews

White Background



This preview shows how the XYZ color 41.2718, 42.5660, 46.5982 looks on a white background.

Color Contrast Check

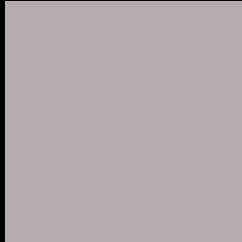
Large Text (above 18pt) WCAG AA × Fail

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 41.2718, 42.5660, 46.5982 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

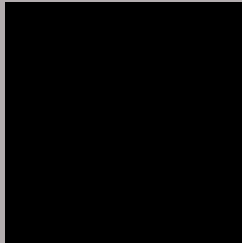
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

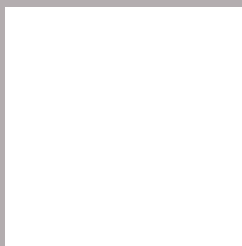
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 41.2718, 42.5660, 46.5982

Background



This preview shows how black text looks on a background with the XYZ color 41.2718, 42.5660, 46.5982.

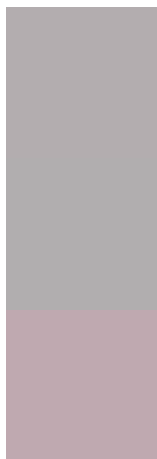


This preview shows how white text looks on a background with the XYZ color 41.2718, 42.5660,

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

41.2718, 42.5660, 46.5982

Protanopia

41.0054, 42.7144, 46.6409

Deuteranopia

43.5103, 42.5869, 47.0011



Tritanopia

42.1423, 42.3319, 51.8487

Trichromacy



Original Color

41.2718, 42.5660, 46.5982

Protanomaly

41.2340, 42.8322, 46.6516

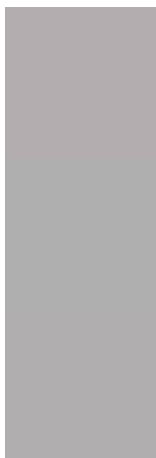
Deuteranomaly

42.7047, 42.4488, 47.0170

Tritanomaly

41.9154, 42.5445, 49.7188

Monochromacy



Original Color

41.2718, 42.5660, 46.5982

Achromatopsia

40.7470, 42.8690, 46.6844

Achromatomaly

40.7784, 42.5974, 46.6303

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.2718, 42.5660, 46.5982 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(179, 173, 175)` looks like.

```
.text, #text, p{  
    color:rgb(179, 173, 175)  
}
```

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(179, 173, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 173, 175) }
```

Border

The CSS property to change the border of an element to XYZ 41.2718, 42.5660, 46.5982 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(179, 173, 175) }
```


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

```
.border{ border-color:rgb(179, 173, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 173, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 173, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 173, 175);  
box-shadow:4px 4px 4px 4px rgb(179, 173,  
175) }
```

Background

The CSS property to change the background color of an element to XYZ 41.2718, 42.5660, 46.5982 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 173, 175) }
```

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

```
.background{ background-color: rgb(179,  
173, 175) }
```

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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