

Converting Colors

XYZ(42.9787, 44.1795, 52.7167)

Have a look what the booklet for
XYZ(42.9787, 44.1795, 52.7167)
contains.

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Color

**XYZ(42.9787, 44.1795,
52.7167)**

Conversions

Conversions Part 1

Format	Color
Hex	B3B0BA
RGB	179, 176, 186
RGB Percent	70%, 69%, 73%
CMY	0.2980, 0.3098, 0.2706
CMYK	0.04, 0.05, 0.00, 0.27
HSL	258°, 7%, 71%
HSV	258°, 5%, 73%
XYZ	42.9787, 44.1795, 52.7167
YIQ	178.0370, -1.4220, 3.7460

Conversions

Conversions Part 2

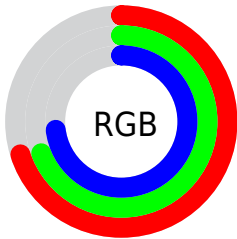
Format	Color
RYB	179, 176, 186
Decimal	11776186
CIELab	72.35, 2.96, -4.72
CIELCh	72, 5.573, 302.103
Yxy	44.1795, 0.3073, 0.3159
Android (android.graphics.Color)	4289966266 (0xFFB3B0BA)
YUV	178.0370, 3.9258, 0.8446
Hunter-Lab	66.4677, -0.8984, -0.4966

Details

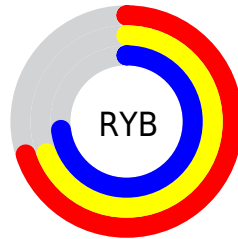
The XYZ color **42.9787, 44.1795, 52.7167** is a light color, and the websafe version is hex **999999**. A complement of this color would be **44.9254, 48.3208, 48.0354**, and the grayscale version is **42.3180, 44.5218, 48.4842**.

A 20% lighter version of the original color is **79.1446, 81.7862, 95.6193**, and **20.0455, 20.5444, 25.0993** is the 20% darker color. If you saturate the color by 10%, you get **36.7099, 35.9008, 51.4498**, and if you desaturate by 10%, it is **50.0341, 53.6080, 54.1654**.

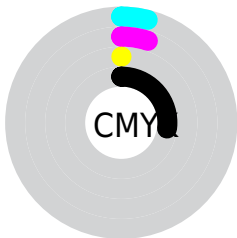
Distribution



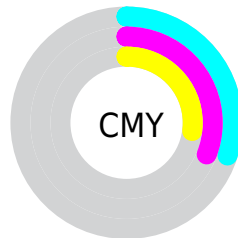
- Red (70%)
- Green (69%)
- Blue (73%)



- Red (70%)
- Yellow (69%)
- Blue (73%)



- Cyan (4%)
- Magenta (5%)
- Yellow (0%)
- Black (27%)



- Cyan (30%)
- Magenta (31%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.9787, 44.1795, 52.7167 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 42.9787, 44.1795, 52.7167 by changing the saturation by 10% instead.

■ 42.9787, 44.1795,
52.7167

■ 42.9787, 44.1795,
52.7167

349.4472,
363.4403, 414.2327

■ 30.0629, 30.8117,
37.1905

■ 78.9346, 81.4878,
95.6247

■ 20.0346, 20.4555,
25.0581

102.7054,
106.1970, 123.8435

■ 12.5286, 12.7266,
15.9009

130.8252,
135.4555, 157.1303

■ 7.1795, 7.2405,
9.3005

163.6594,
169.6476, 195.9037

■ 3.6219, 3.6130,
4.8382

201.5734,
209.1577, 240.5820

■ 1.4906, 1.4595,
2.0956

244.9324,

■ 0.3194, 0.2600,

254.3703, 291.5839

0.6131

294.1019,
305.6697, 349.3280

■ 0.0000, 0.0000,
0.0000

■ 42.9787, 44.1795,
52.7167

■ 42.9787, 44.1795,
52.7167

■ 36.7099, 35.9008,
51.4498

■ 50.0341, 53.6080,
54.1654

■ 31.1958, 28.7217,
50.3547

■ 57.8987, 64.2225,
55.7997

■ 26.4079, 22.5968,
49.4249

■ 66.5993, 76.0647,
57.6269

■ 22.3145, 17.4753,
48.6521

■ 76.1598, 89.1727,
59.6531

■ 18.8813, 13.3021,
48.0275

■ 81.9718, 94.3192,
60.3401

■ 16.0708, 10.0165,
47.5414

■ 85.8631, 96.3252,
60.5223

■ 13.8418, 7.5508,
47.1830

■ 12.1471, 5.8269,
46.9396

■ 10.9302, 4.7495,
46.7958

Harmonies

Analogous

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



42.0590, 44.1795, 53.5757



42.9787, 44.1795, 52.7167



43.6418, 44.1795, 50.6170

Triad

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



42.9787, 44.1795, 52.7167



42.8598, 44.1795, 43.5868



40.1757, 44.1795, 48.2979

Complementary

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



42.9787, 44.1795, 52.7167



44.9254, 48.3208, 48.0354

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.



40.3829, 44.1795, 45.6756



42.9787, 44.1795, 52.7167



41.9237, 44.1795, 43.0181

Square

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



42.9787, 44.1795, 52.7167



43.5725, 44.1795, 45.3522



41.0191, 44.1795, 43.7685



40.4488, 44.1795, 50.9649

Rectangle

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



42.9787, 44.1795, 52.7167



43.8440, 44.1795, 48.8331



41.0191, 44.1795, 43.7685



40.1915, 44.1795, 47.3821

Sweetspot

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



42.9800, 44.1814, 52.7177



82.0148, 85.5550, 96.3925



43.7368, 46.7124, 53.1663



18.0896, 18.8788, 21.2331



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



42.9800, 44.1814, 52.7177



77.0321, 78.9240, 95.3752



44.1169, 44.7675, 52.7709



9.1597, 9.3660, 11.4045



7.1185, 2.9809, 31.4533



0.3155, 0.1384, 1.1118

Inverse Universe

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



44.3238, 44.9106, 51.1343



79.7856, 80.4183, 92.1227



43.7952, 47.7382, 47.9825



9.5118, 9.5571, 10.9880



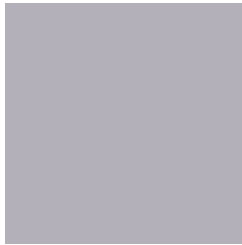
16.3788, 8.1253, 15.1476



0.6033, 0.2968, 0.6706

Previews

White Background



This preview shows how the XYZ color 42.9787, 44.1795, 52.7167 looks on a white background.

Color Contrast Check

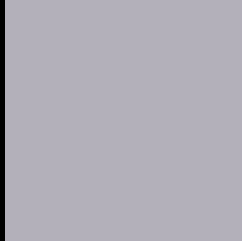
Large Text (above 18pt) WCAG AA × Fail

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 42.9787, 44.1795, 52.7167 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

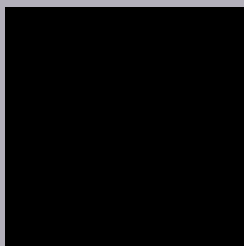
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

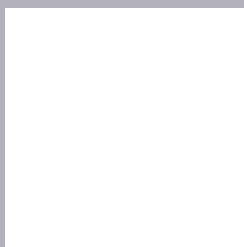
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 42.9787, 44.1795, 52.7167

Background



This preview shows how black text looks on a background with the XYZ color 42.9787, 44.1795, 52.7167.

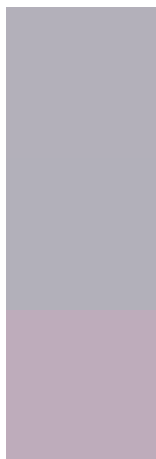


This preview shows how white text looks on a background with the XYZ color 42.9787, 44.1795,

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

42.9787, 44.1795, 52.7167

Protanopia

42.7484, 44.0608, 52.7059

Deuteranopia

44.9574, 44.0401, 53.1448



Tritanopia

43.3377, 44.0374, 54.3600

Trichromacy



Original Color

42.9787, 44.1795, 52.7167

Protanomaly

42.7484, 44.0608, 52.7059

Deuteranomaly

44.1629, 43.9141, 53.1623

Tritanomaly

43.2295, 43.9941, 53.7902

Monochromacy



Original Color

42.9787, 44.1795, 52.7167

Achromatopsia

42.3164, 44.5201, 48.4824

Achromatomaly

42.4227, 44.2455, 50.0204

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.9787, 44.1795, 52.7167 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, 176, 186) looks like.

```
.text, #text, p{  
    color:rgb(179, 176, 186)  
}
```

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, 176, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 176, 186) }
```

Border

The CSS property to change the border of an element to XYZ 42.9787, 44.1795, 52.7167 is called "border". The border property can be set on classes, ids or directly on the HTML element.

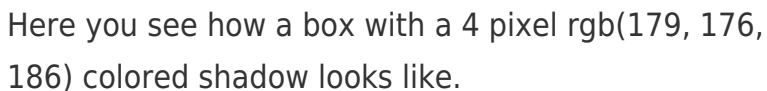
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(179, 176, 186) }
```


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

```
.border{ border-color:rgb(179, 176, 186) }
```

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



Here you see how a box with a 4 pixel `rgb(179, 176, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(179, 176, 186); -webkit-box-shadow:4px 4px 4px 4px rgb(179, 176, 186); box-shadow:4px 4px 4px 4px rgb(179, 176, 186) }
```

Background

The CSS property to change the background color of an element to XYZ 42.9787, 44.1795, 52.7167 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 176, 186) }
```

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

```
.background{ background-color: rgb(179,  
176, 186) }
```

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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