

Converting Colors

XYZ(41.7966, 44.1566, 52.7745)

Have a look what the booklet for
XYZ(41.7966, 44.1566, 52.7745)
contains.

XYZ(41.7966, 44.1566, 52.7745)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(41.7966, 44.1566,
52.7745)**

Conversions

Conversions Part 1

Format	Color
Hex	ACB2BA
RGB	172, 178, 186
RGB Percent	67%, 70%, 73%
CMY	0.3255, 0.3019, 0.2706
CMYK	0.08, 0.04, 0.00, 0.27
HSL	214°, 9%, 70%
HSV	214°, 8%, 73%
XYZ	41.7966, 44.1566, 52.7745
YIQ	177.1180, -6.1440, 1.2160

Conversions

Conversions Part 2

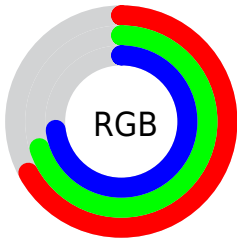
Format	Color
RYB	172, 176, 186
Decimal	11317946
CIELab	72.33, -0.52, -4.80
CIELCh	72, 4.833, 263.780
Yxy	44.1566, 0.3013, 0.3183
Android (android.graphics.Color)	4289508026 (0xFFACB2BA)
YUV	177.1180, 4.3788, -4.4885
Hunter-Lab	66.4504, -4.0137, -0.5724

Details

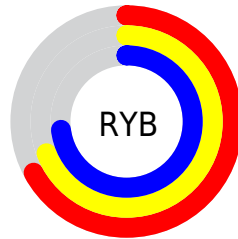
The XYZ color **41.7966, 44.1566, 52.7745** is a light color, and the websafe version is hex **999999**. A complement of this color would be **44.0176, 46.0599, 45.6011**, and the grayscale version is **41.8330, 44.0116, 47.9286**.

A 20% lighter version of the original color is **77.1284, 81.5873, 95.6872**, and **19.3130, 20.3538, 25.1011** is the 20% darker color. If you saturate the color by 10%, you get **35.9641, 38.1331, 51.9199**, and if you desaturate by 10%, it is **48.3668, 50.8059, 53.7123**.

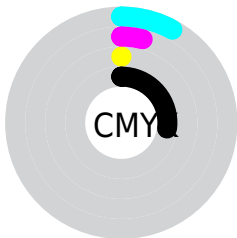
Distribution



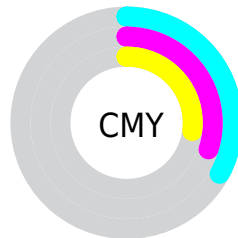
- Red (67%)
- Green (70%)
- Blue (73%)



- Red (67%)
- Yellow (69%)
- Blue (73%)



- Cyan (8%)
- Magenta (4%)
- Yellow (0%)
- Black (27%)



- Cyan (33%)
- Magenta (30%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.7966, 44.1566, 52.7745 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 41.7966, 44.1566, 52.7745 by changing the saturation by 10% instead.

■ 41.7966, 44.1566,
52.7745

■ 41.7966, 44.1566,
52.7745

344.6451,
363.3469, 414.4611

■ 29.1325, 30.7936,
37.2363

■ 77.1588, 81.4533,
95.7106

■ 19.3258, 20.4418,
25.0933

100.5876,
106.1559, 123.9457

■ 12.0114, 12.7166,
15.9269

128.3353,
135.4071, 157.2500

■ 6.8237, 7.2337,
9.3187

160.7672,
169.5914, 196.0423

■ 3.3974, 3.6087,
4.8500

198.2489,
209.0931, 240.7410

■ 1.3672, 1.4572,
2.1023

241.1455,

■ 0.2327, 0.2583,

254.2967, 291.7647

0.6171

289.8224,
305.5865, 349.5319

■ 0.0000, 0.0000,
0.0000

■ 41.7966, 44.1566,
52.7745

■ 41.7966, 44.1566,
52.7745

■ 35.9641, 38.1331,
51.9199

■ 48.3668, 50.8059,
53.7123

■ 30.8381, 32.7103,
51.1434

■ 55.6968, 58.0941,
54.7328

■ 26.3910, 27.8694,
50.4434

■ 63.8121, 66.0407,
55.8389

■ 22.5915, 23.5884,
49.8173

■ 72.7363, 74.6627,
57.0328

■ 19.4058, 19.8439,
49.2625

■ 78.7154, 82.0300,
58.1396

■ 16.7967, 16.6101,
48.7758

■ 81.7824, 88.1640,
59.1620

■ 14.7227, 13.8591,
48.3541

■ 85.0331, 94.6654,
60.2455

■ 13.1356, 11.5588,
47.9938

■ 85.8631, 96.3252,
60.5222

■ 11.9664, 9.6665,
47.6901

Harmonies

Analogous

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



41.0322, 44.1566, 51.8672



41.7966, 44.1566, 52.7745



42.6173, 44.1566, 52.3906

Triad

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



41.7966, 44.1566, 52.7745



43.4492, 44.1566, 46.2568



40.6933, 44.1566, 45.4247

Complementary

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



41.7966, 44.1566, 52.7745



44.0176, 46.0599, 45.6011

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.



41.3283, 44.1566, 44.0108



41.7966, 44.1566, 52.7745



42.9210, 44.1566, 44.4800

Square

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



41.7966, 44.1566, 52.7745



43.5785, 44.1566, 48.5767



42.1429, 44.1566, 43.6707



40.4006, 44.1566, 47.5848

Rectangle

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



41.7966, 44.1566, 52.7745



43.0851, 44.1566, 51.4602



42.1429, 44.1566, 43.6707



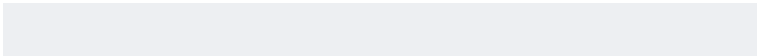
40.8734, 44.1566, 44.8493

Sweetspot

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



41.7979, 44.1585, 52.7755



82.1329, 86.5160, 96.5718



42.8044, 47.1818, 49.9961



18.1143, 19.0798, 21.2706



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.



41.7979, 44.1585, 52.7755



73.9553, 78.1912, 95.3960



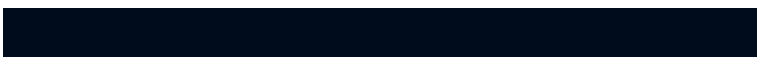
40.8351, 41.9277, 52.3956



8.8292, 9.3357, 11.4161



7.9516, 6.3630, 32.0621



0.3420, 0.3477, 1.1508

Inverse Universe

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



43.0391, 43.1595, 48.1838



76.6688, 76.0448, 85.3496



45.0297, 48.4197, 46.0032



9.1601, 9.0744, 10.1907



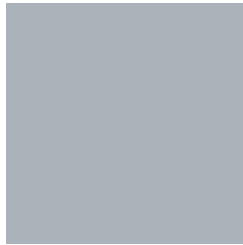
14.6273, 7.4247, 5.9242



0.5468, 0.2742, 0.3728

Previews

White Background



This preview shows how the XYZ color 41.7966, 44.1566, 52.7745 looks on a white background.

Color Contrast Check

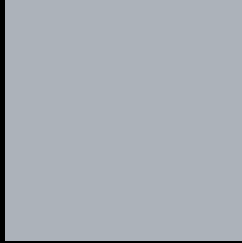
Large Text (above 18pt) WCAG AA × Fail

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 41.7966, 44.1566, 52.7745 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

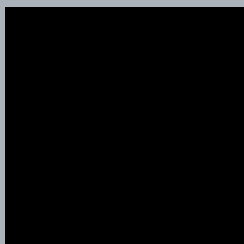
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

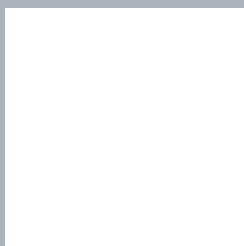
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 41.7966, 44.1566, 52.7745

Background



This preview shows how black text looks on a background with the XYZ color 41.7966, 44.1566, 52.7745.



This preview shows how white text looks on a background with the XYZ color 41.7966, 44.1566,

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

41.7966, 44.1566, 52.7745

Protanopia

42.6424, 44.0184, 52.1479

Deuteranopia

44.9574, 44.0401, 53.1448



Tritanopia

42.3597, 44.0901, 55.5679

Trichromacy



Original Color

41.7966, 44.1566, 52.7745

Protanomaly

42.3836, 44.1772, 52.1921

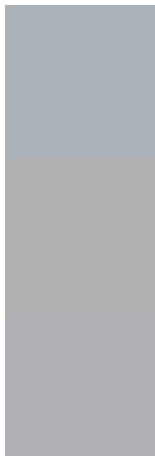
Deuteranomaly

43.6341, 43.9272, 53.1927

Tritanomaly

42.1410, 44.0026, 54.4164

Monochromacy



Original Color

41.7966, 44.1566, 52.7745

Achromatopsia

41.7894, 43.9657, 47.8787

Achromatomaly

41.6396, 43.8535, 49.4500

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.7966, 44.1566, 52.7745 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(172, 178, 186) looks like.

```
.text, #text, p{  
    color:rgb(172, 178, 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(172, 178, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 178, 186) }
```

Border

The CSS property to change the border of an element to XYZ 41.7966, 44.1566, 52.7745 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(172, 178, 186) }
```


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

```
.border{ border-color:rgb(172, 178, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 178, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 178, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 178, 186);  
box-shadow:4px 4px 4px 4px rgb(172, 178,  
186) }
```

Background

The CSS property to change the background color of an element to XYZ 41.7966, 44.1566, 52.7745 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 178, 186) }
```

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

```
.background{ background-color: rgb(172,  
178, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor