

Converting Colors

XYZ(41.3153, 42.2940, 49.7644)

Have a look what the booklet for
XYZ(41.3153, 42.2940, 49.7644)
contains.

XYZ(41.2245, 42.1884, 49.6865)	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(41.2245, 42.1884,
49.6865)**

Conversions

Conversions Part 1

Format	Color
Hex	B1ACB5
RGB	177, 172, 181
RGB Percent	69%, 67%, 71%
CMY	0.3059, 0.3255, 0.2902
CMYK	0.02, 0.05, 0.00, 0.29
HSL	273°, 6%, 69%
HSV	273°, 5%, 71%
XYZ	41.2245, 42.1884, 49.6865
YIQ	174.5210, 0.0910, 3.8590

Conversions

Conversions Part 2

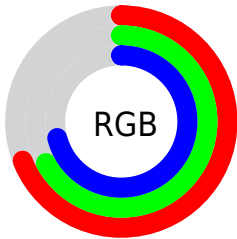
Format	Color
RYB	177, 172, 181
Decimal	11644085
CIELab	71.00, 3.48, -3.98
CIELCh	71, 5.282, 311.168
Yxy	42.1884, 0.3097, 0.3170
Android (android.graphics.Color)	4289834165 (0xFFB1ACB5)
YUV	174.5210, 3.1941, 2.1741
Hunter-Lab	64.9526, -0.3756, 0.1120

Details

The XYZ color **41.2245, 42.1884, 49.6865** is a light color, and the websafe version is hex **999999**. A complement of this color would be **41.8764, 45.2576, 45.5604**, and the grayscale version is **40.4853, 42.5937, 46.3845**.

A 20% lighter version of the original color is **76.3594, 78.3762, 91.2243**, and **18.9249, 19.2765, 23.1454** is the 20% darker color. If you saturate the color by 10%, you get **36.2327, 34.8458, 48.5330**, and if you desaturate by 10%, it is **46.7960, 50.5287, 51.0033**.

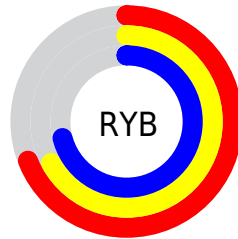
Distribution



Red (69%)

Green (67%)

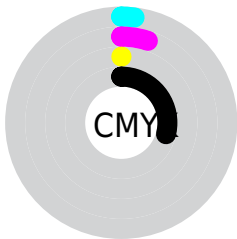
Blue (71%)



Red (69%)

Yellow (67%)

Blue (71%)

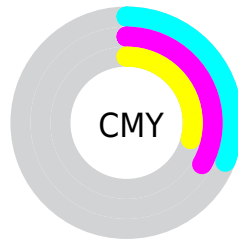


Cyan (2%)

Magenta (5%)

Yellow (0%)

Black (29%)



Cyan (31%)

Magenta (33%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.2245, 42.1884, 49.6865 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 41.2245, 42.1884, 49.6865 by changing the saturation by 10% instead.

■ 41.2245, 42.1884,
49.6865

■ 41.2245, 42.1884,
49.6865

342.3046,
355.2633, 402.1386

■ 28.6830, 29.2488,
34.7949

■ 76.2971, 78.4847,
91.1017

■ 18.9842, 19.2691,
23.2227

99.5590, 102.6102,
118.4625

■ 11.7628, 11.8649,
14.5512

127.1250,
131.2331, 150.8167

■ 6.6534, 6.6518,
8.3619

159.3604,
164.7379, 188.5829

■ 3.2907, 3.2453,
4.2363

196.6308,
203.5090, 232.1796

■ 1.3093, 1.2611,
1.7558

239.3014,

■ 0.1902, 0.1108,

247.9306, 282.0255

0.3986

287.7375,
298.3873, 338.5389

■ 0.0000, 0.0000,
0.0000

■ 41.2245, 42.1884,
49.6865

■ 41.2245, 42.1884,
49.6865

■ 36.2327, 34.8458,
48.5330

■ 46.7960, 50.5287,
51.0033

■ 31.7964, 28.4568,
47.5336

■ 52.9631, 59.8979,
52.4867

■ 27.8946, 22.9822,
46.6825

■ 59.7457, 70.3322,
54.1433

■ 24.5039, 18.3775,
45.9724

■ 67.1616, 81.8646,
55.9784

■ 21.5987, 14.5948,
45.3954

■ 72.7865, 89.6444,
57.1836

19.1510, 11.5812,
44.9427

75.2407, 90.9096,
57.2984

17.1297, 9.2775,
44.6046

77.8133, 92.2358,
57.4188

15.4989, 7.6153,
44.3697

80.5057, 93.6238,
57.5448

14.2155, 6.5115,
44.2243

83.3196, 95.0744,
57.6765

Harmonies

Analogous

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



40.4279, 42.1884, 50.8629



41.2245, 42.1884, 49.6865



41.7239, 42.1884, 47.5202

Triad

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



41.2245, 42.1884, 49.6865



40.6482, 42.1884, 41.4947



38.4594, 42.1884, 46.8823

Complementary

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



41.2245, 42.1884, 49.6865



41.8764, 45.2576, 45.5604

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.



38.5165, 42.1884, 44.3874



41.2245, 42.1884, 49.6865



39.7715, 42.1884, 41.3380

Square

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



41.2245, 42.1884, 49.6865



41.3878, 42.1884, 42.8153



38.9938, 42.1884, 42.3791



38.8368, 42.1884, 49.2048

Rectangle

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



41.2245, 42.1884, 49.6865



41.8167, 42.1884, 45.8372



38.9938, 42.1884, 42.3791



38.4286, 42.1884, 46.0350

Sweetspot

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



41.2257, 42.1902, 49.6874



77.6522, 81.2489, 89.8845



40.8905, 43.1788, 49.8959



16.7950, 17.5781, 19.4300



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.



41.2257, 42.1902, 49.6874



72.7721, 73.9869, 88.7400



42.1042, 42.6484, 49.4879



8.7885, 8.9133, 10.7636



9.4940, 4.2301, 30.4531



0.3646, 0.1670, 0.9613

Inverse Universe

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



41.6466, 42.4654, 47.0782



73.6950, 74.5901, 83.0286



41.0284, 44.8154, 45.7466



8.9082, 8.9915, 10.0237



14.1810, 7.1899, 6.1129



0.4757, 0.2380, 0.3478

Previews

White Background



This preview shows how the XYZ color 41.2245, 42.1884, 49.6865 looks on a white background.

Color Contrast Check

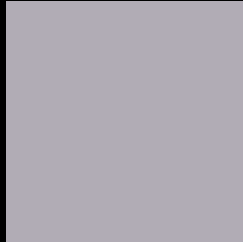
Large Text (above 18pt) WCAG AA × Fail

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 41.2245, 42.1884, 49.6865 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

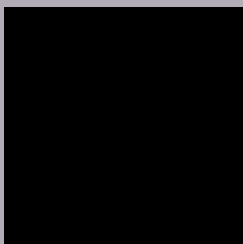
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

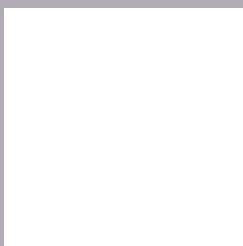
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 41.2245, 42.1884, 49.6865

Background



This preview shows how black text looks on a background with the XYZ color 41.2245, 42.1884, 49.6865.



This preview shows how white text looks on a background with the XYZ color 41.2245, 42.1884,

49.6865.

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

41.2245, 42.1884, 49.6865

Protanopia

40.9633, 42.3373, 49.7290

Deuteranopia

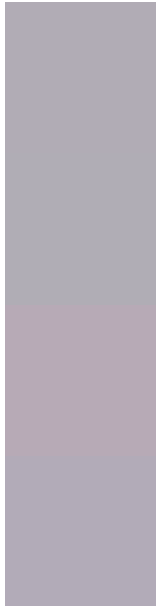
43.1250, 42.3181, 50.1513



Tritanopia

41.6800, 42.0936, 51.8270

Trichromacy



Original Color

41.2245, 42.1884, 49.6865

Protanomaly

41.1886, 42.4534, 49.7395

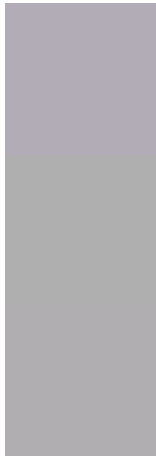
Deuteranomaly

42.3467, 42.1941, 50.1683

Tritanomaly

41.5747, 42.0515, 51.2729

Monochromacy



Original Color

41.2245, 42.1884, 49.6865

Achromatopsia

40.7470, 42.8690, 46.6844

Achromatomaly

40.9764, 42.6765, 47.6727

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.2245, 42.1884, 49.6865 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(177, 172, 181)` looks like.

```
.text, #text, p{  
    color:rgb(177, 172, 181)  
}
```

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(177, 172, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 172, 181) }
```

Border

The CSS property to change the border of an element to XYZ 41.2245, 42.1884, 49.6865 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(177, 172, 181) }
```


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

```
.border{ border-color:rgb(177, 172, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 172, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 172, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 172, 181);  
box-shadow:4px 4px 4px 4px rgb(177, 172,  
181) }
```

Background

The CSS property to change the background color of an element to XYZ 41.2245, 42.1884, 49.6865 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 172, 181) }
```

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

```
.background{ background-color: rgb(177,  
172, 181) }
```

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