

Converting Colors

XYZ(41.6137, 41.6442, 60.9279)

Have a look what the booklet for
XYZ(41.6137, 41.6442, 60.9279)
contains.

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Color

**XYZ(41.4949, 41.5125,
61.0840)**

Conversions

Conversions Part 1

Format	Color
Hex	AAAAC9
RGB	170, 170, 201
RGB Percent	67%, 67%, 79%
CMY	0.3333, 0.3333, 0.2118
CMYK	0.15, 0.15, 0.00, 0.21
HSL	240°, 22%, 73%
HSV	240°, 15%, 79%
XYZ	41.4949, 41.5125, 61.0840
YIQ	173.5340, -9.9510, 9.6410

Conversions

Conversions Part 2

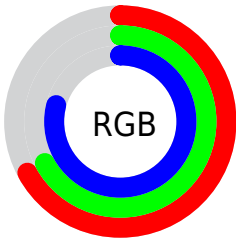
Format	Color
RYB	170, 170, 201
Decimal	11184841
CIELab	70.53, 6.32, -15.75
CIElCh	71, 16.973, 291.846
Yxy	41.5125, 0.2880, 0.2881
Android (android.graphics.Color)	4289374921 (0xFFAAAAC9)
YUV	173.5340, 13.5407, -3.0993
Hunter-Lab	64.4302, 2.2063, -11.1096

Details

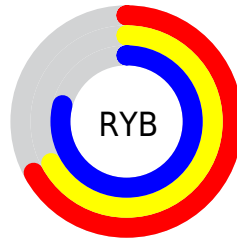
The XYZ color **41.4949, 41.5125, 61.0840** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **52.2301, 57.0930, 46.2985**, and the grayscale version is **39.9308, 42.0103, 45.7492**.

A 20% lighter version of the original color is **76.0266, 77.0780, 105.4782**, and **19.2161, 18.9150, 30.2419** is the 20% darker color. If you saturate the color by 10%, you get **33.9935, 32.4741, 59.7354**, and if you desaturate by 10%, it is **50.2392, 52.0489, 62.6575**.

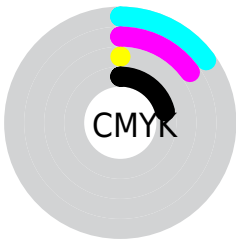
Distribution



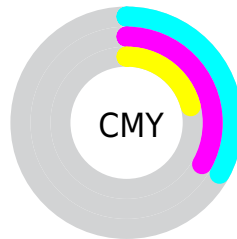
- Red (67%)
- Green (67%)
- Blue (79%)



- Red (67%)
- Yellow (67%)
- Blue (79%)



- Cyan (15%)
- Magenta (15%)
- Yellow (0%)
- Black (21%)



- Cyan (33%)
- Magenta (33%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.4949, 41.5125, 61.0840 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 41.4949, 41.5125, 61.0840 by changing the saturation by 10% instead.

■ 41.4949, 41.5125,
61.0840

■ 41.4949, 41.5125,
61.0840

343.4122,
352.4581, 446.4970

■ 28.8954, 28.7198,
43.8620

■ 76.7046, 77.4613,
107.9593

■ 19.1456, 18.8689,
30.2256

■ 100.0454,
101.3861, 138.4496

■ 11.8801, 11.5756,
19.7564

127.6974,
129.7904, 174.1997

■ 6.7337, 6.4554,
12.0358

160.0259,
163.0586, 215.6283

■ 3.3410, 3.1239,
6.6452

197.3963,
201.5751, 263.1537

■ 1.3365, 1.1968,
3.1662

240.1739,

■ 0.2103, 0.0591,

245.7242, 317.1946

1.1801

288.7241,
295.8904, 378.1696

■ 0.0000, 0.0000,
0.0000

■ 41.4949, 41.5125,
61.0840

■ 41.4949, 41.5125,
61.0840

■ 33.9935, 32.4741,
59.7354

■ 50.2392, 52.0489,
62.6575

■ 27.6751, 24.8609,
58.5990

■ 60.2752, 64.1414,
64.4626

■ 22.4804, 18.6016,
57.6646

■ 71.6536, 77.8514,
66.5092

■ 18.3437, 13.6171,
56.9205

■ 84.4215, 93.2356,
68.8057

■ 15.1922, 9.8198,
56.3537

■ 87.5427, 96.9971,
69.3673

■ 12.9443, 7.1111,
55.9493

■ 11.5050, 5.3767,
55.6904

■ 10.7579, 4.4764,
55.5560

■ 10.5428, 4.2173,
55.5173

Harmonies

Analogous

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



38.6973, 41.5125, 62.2549



41.4949, 41.5125, 61.0840



43.8455, 41.5125, 55.4157

Triad

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



41.4949, 41.5125, 61.0840



42.8785, 41.5125, 34.1222



34.3609, 41.5125, 43.0471

Complementary

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



41.4949, 41.5125, 61.0840



52.2301, 57.0930, 46.2985

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.



35.3705, 41.5125, 36.3240



41.4949, 41.5125, 61.0840



40.2253, 41.5125, 31.5846

Square

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



41.4949, 41.5125, 61.0840



44.6702, 41.5125, 39.6992



37.4858, 41.5125, 32.3401



34.6649, 41.5125, 51.1869

Rectangle

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



41.4949, 41.5125, 61.0840



44.7993, 41.5125, 50.1789



37.4858, 41.5125, 32.3401



34.5561, 41.5125, 40.5619

Sweetspot

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



41.4962, 41.5142, 61.0849



86.5806, 89.7951, 107.3766



47.9469, 54.5129, 62.9358



18.2869, 18.9247, 22.9390



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



41.4962, 41.5142, 61.0849



65.8611, 64.8298, 103.6499



44.9218, 43.2797, 61.2452



10.0568, 10.2876, 13.3731



6.6289, 2.6517, 34.9068



0.3139, 0.1256, 1.6528

Inverse Universe

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



45.7188, 44.0703, 44.1288



74.6518, 70.1510, 68.3510



48.3969, 55.1175, 46.1192



10.6339, 10.6370, 11.0555



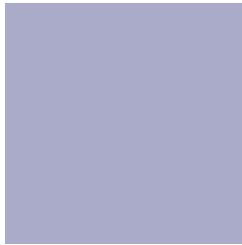
15.1453, 7.8077, 0.7090



0.7171, 0.3697, 0.0336

Previews

White Background



This preview shows how the XYZ color 41.4949, 41.5125, 61.0840 looks on a white background.

Color Contrast Check

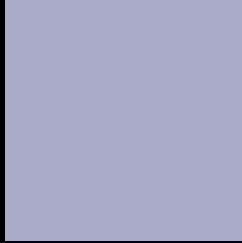
Large Text (above 18pt) WCAG AA × Fail

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 41.4949, 41.5125, 61.0840 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

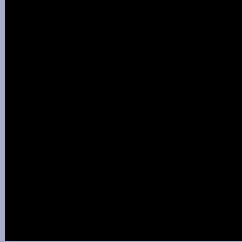
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.4949, 41.5125, 61.0840

Background



This preview shows how black text looks on a background with the XYZ color 41.4949, 41.5125, 61.0840.



This preview shows how white text looks on a background with the XYZ color 41.4949, 41.5125,

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

41.4949, 41.5125, 61.0840

Protanopia

41.1599, 41.6056, 61.7384

Deuteranopia

42.2244, 41.3363, 61.0116



Tritanopia

39.7428, 41.6478, 52.3985

Trichromacy



Original Color

41.4949, 41.5125, 61.0840

Protanomaly

41.3720, 41.7149, 61.7484

Deuteranomaly

41.9642, 41.4772, 61.0525

Tritanomaly

40.3049, 41.5915, 55.1939

Monochromacy



Original Color

41.4949, 41.5125, 61.0840

Achromatopsia

40.2316, 42.3268, 46.0938

Achromatomaly

40.8289, 42.2321, 51.3471

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.4949, 41.5125, 61.0840 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, 170, 201)` looks like.

```
.text, #text, p{  
    color:rgb(170, 170, 201)  
}
```

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, 170, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 170, 201) }
```

Border

The CSS property to change the border of an element to XYZ 41.4949, 41.5125, 61.0840 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, 170, 201) }
```


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

```
.border{ border-color:rgb(170, 170, 201) }
```

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

Here you see how a box with a 4 pixel rgb(170, 170, 201) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 170, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 170, 201);  
box-shadow:4px 4px 4px 4px rgb(170, 170,  
201) }
```

Background

The CSS property to change the background color of an element to XYZ 41.4949, 41.5125, 61.0840 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 170, 201) }
```

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

```
.background{ background-color: rgb(170,  
170, 201) }
```

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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