

Converting Colors

XYZ(41.6176, 44.0560, 63.5509)

Have a look what the booklet for
XYZ(41.6176, 44.0560, 63.5509)
contains.

XYZ(41.7171, 44.1769, 63.4550)	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(41.7171, 44.1769,
63.4550)**

Conversions

Conversions Part 1

Format	Color
Hex	A1B3CC
RGB	161, 179, 204
RGB Percent	63%, 70%, 80%
CMY	0.3686, 0.2980, 0.2000
CMYK	0.21, 0.12, 0.00, 0.20
HSL	215°, 30%, 72%
HSV	215°, 21%, 80%
XYZ	41.7171, 44.1769, 63.4550
YIQ	176.4680, -18.7530, 3.9590

Conversions

Conversions Part 2

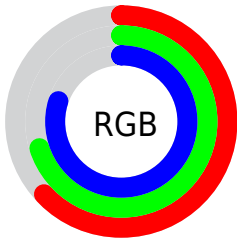
Format	Color
R _{YB}	161, 174, 204
Decimal	10597324
CIE Lab	72.35, -0.82, -14.74
CIE LCh	72, 14.759, 266.803
Yxy	44.1769, 0.2793, 0.2958
Android (android.graphics.Color)	4288787404 (0xFFA1B3CC)
YUV	176.4680, 13.5733, -13.5654
Hunter-Lab	66.4657, -4.2797, -10.0783

Details

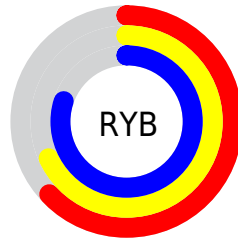
The XYZ color **41.7171, 44.1769, 63.4550** is a light color, and the websafe version is hex **999999**. A complement of this color would be **48.8941, 50.5284, 40.8951**, and the grayscale version is **41.4505, 43.6092, 47.4904**.

A 20% lighter version of the original color is **76.0772, 81.2356, 106.2781**, and **19.2726, 20.3749, 31.7711** is the 20% darker color. If you saturate the color by 10%, you get **35.6613, 37.6779, 62.5205**, and if you desaturate by 10%, it is **48.6507, 51.4342, 64.4911**.

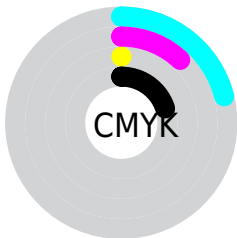
Distribution



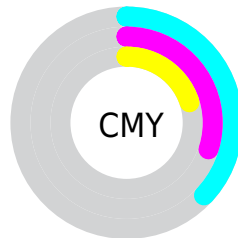
- Red (63%)
- Green (70%)
- Blue (80%)



- Red (63%)
- Yellow (68%)
- Blue (80%)



- Cyan (21%)
- Magenta (12%)
- Yellow (0%)
- Black (20%)



- Cyan (37%)
- Magenta (30%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.7171, 44.1769, 63.4550 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 41.7171, 44.1769, 63.4550 by changing the saturation by 10% instead.

■ 41.7171, 44.1769,
63.4550

■ 41.7171, 44.1769,
63.4550

344.3205,
363.4297, 455.3722

■ 29.0700, 30.8096,
45.7660

■ 77.0391, 81.4839,
111.4176

■ 19.2783, 20.4539,
31.7139

■ 100.4448,
106.1923, 142.5283

■ 11.9768, 12.7254,
20.8801

128.1673,
135.4500, 178.9500

■ 6.7999, 7.2397,
12.8460

160.5720,
169.6412, 221.1012

■ 3.3825, 3.6125,
7.1931

198.0244,
209.1504, 269.4005

■ 1.3591, 1.4592,
3.5029

240.8896,

■ 0.2268, 0.2598,

254.3619, 324.2664

1.3568

289.5332,
305.6602, 386.1175

■ 0.0000, 0.0000,
0.1077

■ 0.0000, 0.0000,
0.0000

■ 41.7171, 44.1769,
63.4550

■ 41.7171, 44.1769,
63.4550

■ 35.6613, 37.6779,
62.5205

■ 48.6507, 51.4342,
64.4911

■ 30.4418, 31.9048,
61.6812

■ 56.4934, 59.4698,
65.6287

■ 26.0193, 26.8306,
60.9349

■ 65.2797, 68.3097,
66.8719

■ 22.3497, 22.4242,
60.2778

■ 75.0410, 77.9771,
68.2235

■ 19.3841, 18.6519,
59.7060

■ 82.8016, 86.9444,
69.5453

■ 17.0673, 15.4761,
59.2151

■ 86.3749, 94.0910,
70.7364

■ 15.3341, 12.8536,
58.8003

■ 87.8992, 97.1397,
71.2445

■ 14.1798, 10.9208,
58.4880

Harmonies

Analogous

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



39.3721, 44.1769, 60.7750



41.7171, 44.1769, 63.4550



44.2289, 44.1769, 61.6910

Triad

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



41.7171, 44.1769, 63.4550



46.4988, 44.1769, 42.0680



38.0347, 44.1769, 40.8448

Complementary

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



41.7171, 44.1769, 63.4550



48.8941, 50.5284, 40.8951

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.



39.8257, 44.1769, 36.6697



41.7171, 44.1769, 63.4550



44.7190, 44.1769, 37.3244

Square

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



41.7171, 44.1769, 63.4550



47.0542, 44.1769, 48.8852



42.2617, 44.1769, 35.4482



37.3006, 44.1769, 47.3255

Rectangle

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



41.7171, 44.1769, 63.4550



45.6493, 44.1769, 58.3205



42.2617, 44.1769, 35.4482



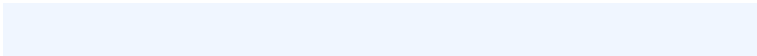
38.5295, 44.1769, 39.1512

Sweetspot

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



41.7184, 44.1787, 63.4560



86.8712, 91.6685, 107.7229



45.0874, 54.2819, 54.2041



18.4108, 19.4330, 23.0305



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.



41.7184, 44.1787, 63.4560



64.6544, 68.4401, 104.4103



38.9272, 37.7287, 62.3581



10.9812, 11.6029, 14.2312



9.0123, 7.0486, 36.8418



0.5394, 0.5125, 1.9254

Inverse Universe

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



45.7845, 41.5828, 48.2630



72.5723, 63.6895, 74.7563



52.1499, 58.1957, 42.2035



11.4039, 11.2903, 12.6615



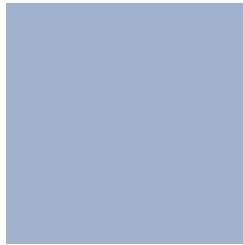
16.7599, 8.5146, 6.4543



0.9022, 0.4543, 0.5309

Previews

White Background



This preview shows how the XYZ color 41.7171, 44.1769, 63.4550 looks on a white background.

Color Contrast Check

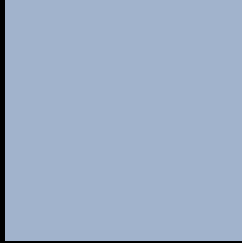
Large Text (above 18pt) WCAG AA × Fail

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 41.7171, 44.1769, 63.4550 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

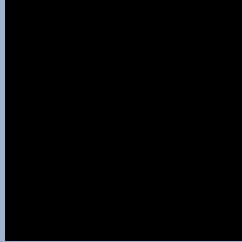
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

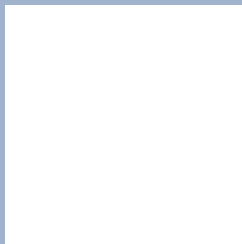
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 41.7171, 44.1769, 63.4550

Background



This preview shows how black text looks on a background with the XYZ color 41.7171, 44.1769, 63.4550.



This preview shows how white text looks on a background with the XYZ color 41.7171, 44.1769,

63.4550.

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

41.7171, 44.1769, 63.4550

Protanopia

43.4196, 44.1992, 62.1200

Deuteranopia

45.0191, 44.1187, 63.9006



Tritanopia

40.6723, 44.3588, 58.0482

Trichromacy



Original Color

41.7171, 44.1769, 63.4550

Protanomaly

42.8638, 44.1911, 62.7705

Deuteranomaly

43.8050, 44.0664, 63.9545

Tritanomaly

41.0115, 44.1933, 59.7947

Monochromacy



Original Color

41.7171, 44.1769, 63.4550

Achromatopsia

41.2663, 43.4154, 47.2793

Achromatomaly

41.3797, 43.6474, 52.6982

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.7171, 44.1769, 63.4550 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(161, 179, 204)` looks like.

```
.text, #text, p{  
    color:rgb(161, 179, 204)  
}
```

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(161, 179, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 179, 204) }
```

Border

The CSS property to change the border of an element to XYZ 41.7171, 44.1769, 63.4550 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(161, 179, 204) }
```


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

```
.border{ border-color:rgb(161, 179, 204) }
```

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

Here you see how a box with a 4 pixel rgb(161, 179, 204) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 179, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 179, 204);  
box-shadow:4px 4px 4px 4px rgb(161, 179,  
204) }
```

Background

The CSS property to change the background color of an element to XYZ 41.7171, 44.1769, 63.4550 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 179, 204) }
```

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

```
.background{ background-color: rgb(161,  
179, 204) }
```

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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