

Converting Colors

XYZ(41.1204, 43.4510, 61.2576)

Have a look what the booklet for
XYZ(41.1204, 43.4510, 61.2576)
contains.

XYZ(41.1650, 43.3427, 61.4547)	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(41.1650, 43.3427,
61.4547)**

Conversions

Conversions Part 1

Format	Color
Hex	A2B1C9
RGB	162, 177, 201
RGB Percent	64%, 69%, 79%
CMY	0.3647, 0.3059, 0.2118
CMYK	0.19, 0.12, 0.00, 0.21
HSL	217°, 27%, 71%
HSV	217°, 19%, 79%
XYZ	41.1650, 43.3427, 61.4547
YIQ	175.2510, -16.6440, 4.2840

Conversions

Conversions Part 2

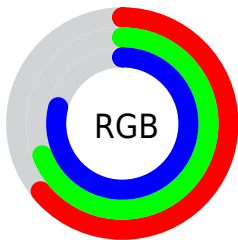
Format	Color
RYB	162, 173, 201
Decimal	10662345
CIELab	71.79, -0.09, -13.93
CIELCh	72, 13.927, 269.610
Yxy	43.3427, 0.2820, 0.2969
Android (android.graphics.Color)	4288852425 (0xFFA2B1C9)
YUV	175.2510, 12.6943, -11.6211
Hunter-Lab	65.8352, -3.6002, -9.2604

Details

The XYZ color **41.1650, 43.3427, 61.4547** is a light color, and the websafe version is hex **999999**. A complement of this color would be **48.1682, 50.1438, 41.3233**, and the grayscale version is **40.8210, 42.9469, 46.7692**.

A 20% lighter version of the original color is **75.8042, 80.2495, 106.1021**, and **19.0305, 20.0888, 30.4783** is the 20% darker color. If you saturate the color by 10%, you get **35.0707, 36.7382, 60.5018**, and if you desaturate by 10%, it is **48.1360, 50.7300, 62.5139**.

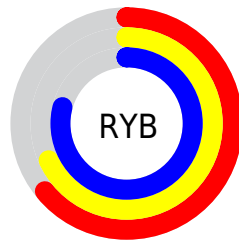
Distribution



Red (64%)

Green (69%)

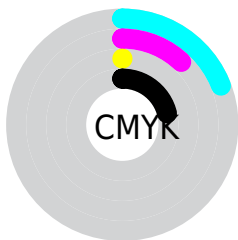
Blue (79%)



Red (64%)

Yellow (68%)

Blue (79%)

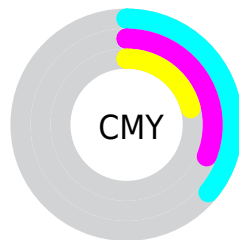


Cyan (19%)

Magenta (12%)

Yellow (0%)

Black (21%)



Cyan (36%)

Magenta (31%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.1650, 43.3427, 61.4547 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 41.1650, 43.3427, 61.4547 by changing the saturation by 10% instead.

■ 41.1650, 43.3427,
61.4547

■ 41.1650, 43.3427,
61.4547

342.0606,
360.0192, 447.8919

■ 28.6363, 30.1541,
44.1593

■ 76.2074, 80.2278,
108.5010

■ 18.9487, 19.9556,
30.4576

■ 99.4518, 104.6930,
139.0889

■ 11.7370, 12.3628,
19.9312

126.9989,
133.6859, 174.9448

■ 6.6358, 6.9912,
12.1615

159.2139,
167.5909, 216.4871

■ 3.2797, 3.4566,
6.7299

196.4622,
206.7923, 264.1344

■ 1.3033, 1.3745,
3.2179

239.1092,

■ 0.1857, 0.1978,

251.6746, 318.3053

1.2069

287.5202,
302.6221, 379.4183

■ 0.0000, 0.0000,
0.0000

■ 41.1650, 43.3427,
61.4547

■ 41.1650, 43.3427,
61.4547

■ 35.0707, 36.7382,
60.5018

■ 48.1360, 50.7300,
62.5139

■ 29.8124, 30.8836,
59.6489

■ 56.0142, 58.9211,
63.6797

■ 25.3519, 25.7513,
58.8934

■ 64.8336, 67.9424,
64.9562

■ 21.6460, 21.3095,
58.2313

■ 74.6250, 77.8178,
66.3462

■ 18.6476, 17.5239,
57.6587

■ 82.6038, 87.1191,
67.7210

■ 16.3032, 14.3566,
57.1709

■ 86.3464, 94.6044,
68.9686

■ 14.5507, 11.7644,
56.7629

■ 87.5428, 96.9971,
69.3674

■ 13.2863, 9.6820,
56.4276

■ 13.2191, 9.5697,
56.4095

Harmonies

Analogous

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



38.9375, 43.3427, 59.3453



41.1650, 43.3427, 61.4547



43.4845, 43.3427, 59.4486

Triad

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



41.1650, 43.3427, 61.4547



45.2784, 43.3427, 41.0445



37.3955, 43.3427, 40.9048

Complementary

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



41.1650, 43.3427, 61.4547



48.1682, 50.1438, 41.3233

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.



38.9891, 43.3427, 36.7490



41.1650, 43.3427, 61.4547



43.5401, 43.3427, 36.8241

Square

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



41.1650, 43.3427, 61.4547



45.9139, 43.3427, 47.2815



41.2269, 43.3427, 35.3281



36.8128, 43.3427, 47.1043

Rectangle

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



41.1650, 43.3427, 61.4547



44.7584, 43.3427, 56.1473



41.2269, 43.3427, 35.3281



37.8277, 43.3427, 39.2449

Sweetspot

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



41.1663, 43.3445, 61.4557



86.7132, 91.3525, 107.6703



44.5870, 52.9752, 53.9967



18.3735, 19.3584, 23.0181



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.



41.1663, 43.3445, 61.4557



66.2144, 69.6194, 104.5558



39.1687, 38.1548, 60.5593



10.3856, 10.9453, 13.4828



8.3941, 6.1821, 35.4952



0.4673, 0.4325, 1.7040

Inverse Universe

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



44.9446, 41.4335, 47.2256



73.8334, 66.0077, 75.8058



50.4611, 56.2665, 42.3842



10.7999, 10.7033, 11.9296



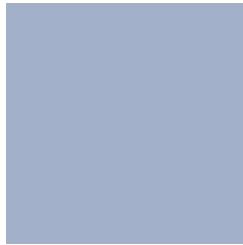
16.0363, 8.1641, 5.4009



0.7946, 0.4007, 0.4415

Previews

White Background



This preview shows how the XYZ color 41.1650, 43.3427, 61.4547 looks on a white background.

Color Contrast Check

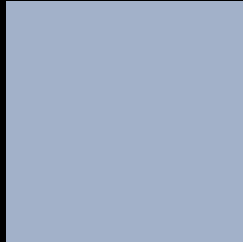
Large Text (above 18pt) WCAG AA × Fail

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 41.1650, 43.3427, 61.4547 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

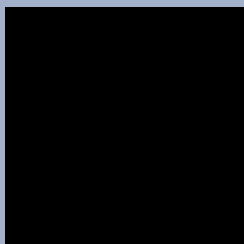
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

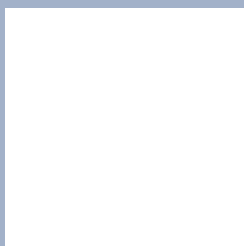
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 41.1650, 43.3427, 61.4547

Background



This preview shows how black text looks on a background with the XYZ color 41.1650, 43.3427, 61.4547.



This preview shows how white text looks on a background with the XYZ color 41.1650, 43.3427,

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

41.1650, 43.3427, 61.4547

Protanopia

42.4581, 43.1663, 60.1270

Deuteranopia

44.0460, 43.0934, 61.8735



Tritanopia

40.0432, 43.1646, 56.6732

Trichromacy



Original Color

41.1650, 43.3427, 61.4547

Protanomaly

41.9037, 43.1549, 60.7647

Deuteranomaly

42.8378, 43.0356, 61.9260

Tritanomaly

40.5821, 43.4034, 58.4633

Monochromacy



Original Color

41.1650, 43.3427, 61.4547

Achromatopsia

40.7470, 42.8690, 46.6844

Achromatomaly

40.7546, 43.0574, 51.5103

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.1650, 43.3427, 61.4547 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(162, 177, 201)` looks like.

```
.text, #text, p{  
    color:rgb(162, 177, 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(162, 177, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 177, 201) }
```

Border

The CSS property to change the border of an element to XYZ 41.1650, 43.3427, 61.4547 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(162, 177, 201) }
```


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

```
.border{ border-color:rgb(162, 177, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 177, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 177, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 177, 201);  
box-shadow:4px 4px 4px 4px rgb(162, 177,  
201) }
```

Background

The CSS property to change the background color of an element to XYZ 41.1650, 43.3427, 61.4547 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 177, 201) }
```

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

```
.background{ background-color: rgb(162,  
177, 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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