

Converting Colors

XYZ(41.8050, 42.4535, 57.6165)

Have a look what the booklet for
XYZ(41.8050, 42.4535, 57.6165)
contains.

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Color

**XYZ(41.6161, 42.2158,
57.5848)**

Conversions

Conversions Part 1

Format	Color
Hex	ACACC3
RGB	172, 172, 195
RGB Percent	67%, 67%, 76%
CMY	0.3255, 0.3255, 0.2353
CMYK	0.12, 0.12, 0.00, 0.24
HSL	240°, 16%, 72%
HSV	240°, 12%, 76%
XYZ	41.6161, 42.2158, 57.5848
YIQ	174.6220, -7.3830, 7.1530

Conversions

Conversions Part 2

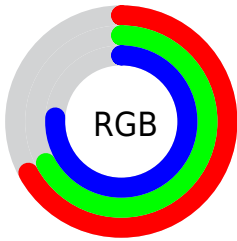
Format	Color
R _{YB}	172, 172, 195
Decimal	11316419
CIE _{Lab}	71.02, 4.59, -11.70
CIE _{LCh}	71, 12.573, 291.414
Yxy	42.2158, 0.2943, 0.2985
Android (android.graphics.Color)	4289506499 (0xFFACACC3)
YUV	174.6220, 10.0464, -2.2995
Hunter-Lab	64.9737, 0.6265, -7.0659

Details

The XYZ color **41.6161, 42.2158, 57.5848** is a light color, and the websafe version is hex **999999**. A complement of this color would be **49.4674, 53.6106, 46.7713**, and the grayscale version is **40.5058, 42.6153, 46.4080**.

A 20% lighter version of the original color is **76.7183, 78.2973, 103.1649**, and **19.2699, 19.3491, 27.9184** is the 20% darker color. If you saturate the color by 10%, you get **34.2039, 33.2850, 56.2523**, and if you desaturate by 10%, it is **50.2033, 52.5628, 59.1300**.

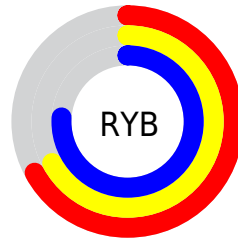
Distribution



Red (67%)

Green (67%)

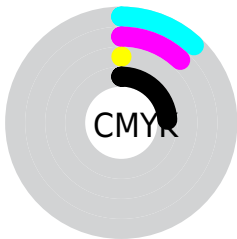
Blue (76%)



Red (67%)

Yellow (67%)

Blue (76%)

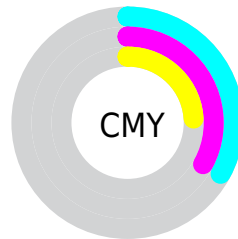


Cyan (12%)

Magenta (12%)

Yellow (0%)

Black (24%)



Cyan (33%)

Magenta (33%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.6161, 42.2158, 57.5848 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 41.6161, 42.2158, 57.5848 by changing the saturation by 10% instead.

■ 41.6161, 42.2158,
57.5848

■ 41.6161, 42.2158,
57.5848

343.9078,
355.3767, 433.1920

■ 28.9906, 29.2703,
41.0625

■ 76.8871, 78.5261,
102.8268

■ 19.2180, 19.2854,
28.0478

100.2633,
102.6597, 132.3835

■ 11.9328, 11.8767,
18.1224

127.9538,
131.2915, 167.1221

■ 6.7698, 6.6598,
10.8675

160.3239,
164.8059, 207.4611

■ 3.3636, 3.2502,
5.8648

197.7390,
203.5872, 253.8190

■ 1.3488, 1.2637,
2.6956

240.5645,

■ 0.2193, 0.1129,

248.0198, 306.6145

0.9412

289.1656,
298.4882, 366.2659

■ 0.0000, 0.0000,
0.0000

■ 41.6161, 42.2158,
57.5848

■ 41.6161, 42.2158,
57.5848

■ 34.2039, 33.2850,
56.2523

■ 50.2033, 52.5628,
59.1300

■ 27.9121, 25.7039,
55.1206

■ 60.0094, 64.3782,
60.8938

■ 22.6873, 19.4084,
54.1808

■ 71.0808, 77.7181,
62.8851

■ 18.4703, 14.3272,
53.4223

■ 83.4604, 92.6341,
65.1117

■ 15.1964, 10.3822,
52.8334

■ 86.8504, 96.7202,
65.7218

■ 12.7929, 7.4861,
52.4011

■ 11.1770, 5.5389,
52.1104

■ 10.2497, 4.4214,
51.9436

■ 9.8506, 3.9406,
51.8718

Harmonies

Analogous

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



39.5255, 42.2158, 58.3648



41.6161, 42.2158, 57.5848



43.3622, 42.2158, 53.5562

Triad

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



41.6161, 42.2158, 57.5848



42.6943, 42.2158, 37.5119



36.2660, 42.2158, 44.2621

Complementary

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



41.6161, 42.2158, 57.5848



49.4674, 53.6106, 46.7713

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.



37.0528, 42.2158, 39.1288



41.6161, 42.2158, 57.5848



40.7303, 42.2158, 35.4603

Square

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



41.6161, 42.2158, 57.5848



43.9996, 42.2158, 41.8746



38.6697, 42.2158, 36.0254



36.4845, 42.2158, 50.3152

Rectangle

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



41.6161, 42.2158, 57.5848



44.0721, 42.2158, 49.7482



38.6697, 42.2158, 36.0254



36.4206, 42.2158, 42.3802

Sweetspot

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



41.6174, 42.2176, 57.5857



86.2383, 89.7110, 105.2405



46.3362, 51.7244, 58.9451



18.6188, 19.3246, 22.9987



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.



41.6174, 42.2176, 57.5857



71.1305, 71.5075, 102.5231



44.1599, 43.5277, 57.7046



9.5284, 9.7482, 12.6642



6.4023, 2.5612, 33.7135



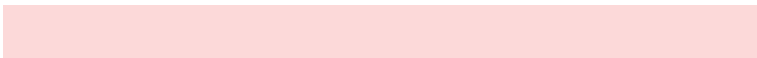
0.2767, 0.1107, 1.4567

Inverse Universe

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



44.7056, 44.0867, 45.1850



77.6872, 75.4759, 76.1946



46.7015, 52.1854, 46.6420



10.0733, 10.0779, 10.4764



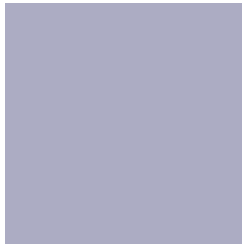
14.6276, 7.5408, 0.6850



0.6320, 0.3258, 0.0297

Previews

White Background



This preview shows how the XYZ color 41.6161, 42.2158, 57.5848 looks on a white background.

Color Contrast Check

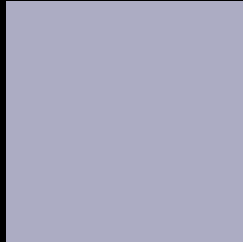
Large Text (above 18pt) WCAG AA × Fail

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 41.6161, 42.2158, 57.5848 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

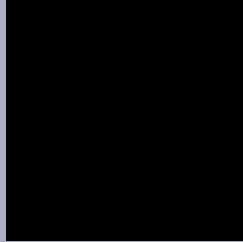
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.6161, 42.2158, 57.5848

Background



This preview shows how black text looks on a background with the XYZ color 41.6161, 42.2158, 57.5848.

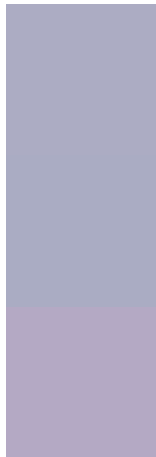


This preview shows how white text looks on a background with the XYZ color 41.6161, 42.2158,

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

41.6161, 42.2158, 57.5848

Protanopia

41.1804, 41.9912, 57.5644

Deuteranopia

42.9742, 42.0648, 58.0789



Tritanopia

40.7078, 42.1329, 53.0006

Trichromacy



Original Color

41.6161, 42.2158, 57.5848

Protanomaly

41.3974, 42.1031, 57.5746

Deuteranomaly

42.4700, 42.0821, 58.1088

Tritanomaly

41.0324, 42.2628, 54.7101

Monochromacy



Original Color

41.6161, 42.2158, 57.5848

Achromatopsia

40.7470, 42.8690, 46.6844

Achromatomaly

41.0351, 42.6482, 50.3251

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.6161, 42.2158, 57.5848 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, 172, 195)` looks like.

```
.text, #text, p{  
    color:rgb(172, 172, 195)  
}
```

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, 172, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 172, 195) }
```

Border

The CSS property to change the border of an element to XYZ 41.6161, 42.2158, 57.5848 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, 172, 195) }
```


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

```
.border{ border-color:rgb(172, 172, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 172, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 172, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 172, 195);  
box-shadow:4px 4px 4px 4px rgb(172, 172,  
195) }
```

Background

The CSS property to change the background color of an element to XYZ 41.6161, 42.2158, 57.5848 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 172, 195) }
```

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

```
.background{ background-color: rgb(172,  
172, 195) }
```

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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