

Converting Colors

XYZ(41.7790, 42.4623, 63.1208)

Have a look what the booklet for
XYZ(41.7790, 42.4623, 63.1208)
contains.

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Color

**XYZ(41.7790, 42.4623,
63.1208)**

Conversions

Conversions Part 1

Format	Color
Hex	A7ADCC
RGB	167, 173, 204
RGB Percent	65%, 68%, 80%
CMY	0.3451, 0.3216, 0.2000
CMYK	0.18, 0.15, 0.00, 0.20
HSL	230°, 27%, 73%
HSV	230°, 18%, 80%
XYZ	41.7790, 42.4623, 63.1208
YIQ	174.7400, -13.5270, 8.3690

Conversions

Conversions Part 2

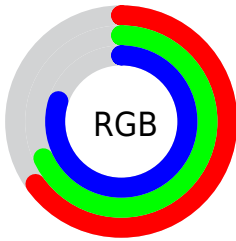
Format	Color
R_{YB}	167, 172, 204
Decimal	10989004
CIE _{Lab}	71.19, 4.36, -16.44
CIE _{LCh}	71, 17.006, 284.843
Yxy	42.4623, 0.2835, 0.2881
Android (android.graphics.Color)	4289179084 (0xFFA7ADCC)
YUV	174.7400, 14.4252, -6.7880
Hunter-Lab	65.1631, 0.4090, -11.8176

Details

The XYZ color **41.7790, 42.4623, 63.1208** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **52.0713, 56.0154, 44.6278**, and the grayscale version is **40.5471, 42.6587, 46.4554**.

A 20% lighter version of the original color is **75.9176, 78.2364, 105.7076**, and **19.4126, 19.5216, 31.5990** is the 20% darker color. If you saturate the color by 10%, you get **34.7345, 34.2738, 61.9122**, and if you desaturate by 10%, it is **49.9252, 51.8432, 64.5028**.

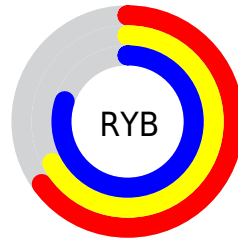
Distribution



Red (65%)

Green (68%)

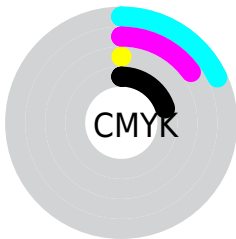
Blue (80%)



Red (65%)

Yellow (67%)

Blue (80%)

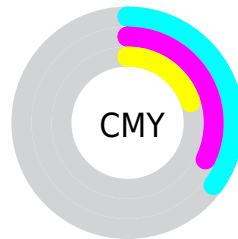


Cyan (18%)

Magenta (15%)

Yellow (0%)

Black (20%)



Cyan (35%)

Magenta (32%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.7790, 42.4623, 63.1208 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 41.7790, 42.4623, 63.1208 by changing the saturation by 10% instead.

■ 41.7790, 42.4623,
63.1208

■ 41.7790, 42.4623,
63.1208

344.5732,
356.3958, 454.1278

■ 29.1186, 29.4635,
45.4973

■ 77.1323, 78.8988,
110.9310

■ 19.3153, 19.4317,
31.5035

■ 100.5560,
103.1053, 141.9549

■ 12.0037, 11.9826,
20.7209

128.2981,
131.8164, 178.2825

■ 6.8184, 6.7318,
12.7309

160.7240,
165.4166, 220.3326

■ 3.3941, 3.2950,
7.1150

198.1992,
204.2902, 268.5236

■ 1.3654, 1.2876,
3.4546

241.0888,

■ 0.2314, 0.1316,

248.8217, 323.2742

1.3312

289.7584,
299.3954, 385.0027

■ 0.0000, 0.0000,
0.0871

■ 0.0000, 0.0000,
0.0000

■ 41.7790, 42.4623,
63.1208

■ 41.7790, 42.4623,
63.1208

■ 34.7345, 34.2738,
61.9122

■ 49.9252, 51.8432,
64.5028

■ 28.7401, 27.2245,
60.8675

■ 59.2139, 62.4565,
66.0618

■ 23.7461, 21.2649,
59.9804

■ 69.6883, 74.3468,
67.8048

■ 19.6971, 16.3399,
59.2432

■ 81.3887, 87.5546,
69.7375

■ 16.5322, 12.3893,
58.6475

■ 87.8992, 97.1397,
71.2445

■ 14.1829, 9.3465,
58.1840

■ 12.5707, 7.1363,
57.8423

■ 11.5861, 5.6628,
57.6098

■ 11.4457, 5.4526,
57.5766

Harmonies

Analogous

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



38.9435, 42.4623, 63.0934



41.7790, 42.4623, 63.1208



44.3473, 42.4623, 58.2762

Triad

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



41.7790, 42.4623, 63.1208



44.3699, 42.4623, 36.0286



35.2985, 42.4623, 42.2517

Complementary

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



41.7790, 42.4623, 63.1208



52.0713, 56.0154, 44.6278

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.



36.6176, 42.4623, 35.9771



41.7790, 42.4623, 63.1208



41.8087, 42.4623, 32.6825

Square

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



41.7790, 42.4623, 63.1208



45.8902, 42.4623, 42.3300



38.9718, 42.4623, 32.6649



35.2914, 42.4623, 50.3714

Rectangle

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



41.7790, 42.4623, 63.1208



45.5242, 42.4623, 53.2304



38.9718, 42.4623, 32.6649



35.6003, 42.4623, 39.8796

Sweetspot

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



41.7803, 42.4640, 63.1218



87.2004, 91.0346, 107.5832



47.7039, 55.4715, 61.5189



18.4368, 19.2246, 22.9889



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.



41.7803, 42.4640, 63.1218



64.1327, 64.4604, 103.6697



43.3862, 41.6215, 62.8745



10.7463, 11.1331, 14.1529



7.2494, 3.5227, 36.2541



0.4212, 0.2763, 1.8861

Inverse Universe

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



46.2644, 43.4930, 45.4937



73.0257, 66.6149, 68.6839



50.2226, 57.1395, 44.9422



11.2853, 11.2429, 12.0371



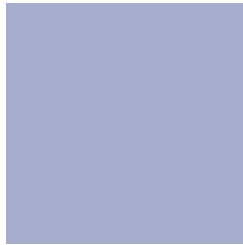
15.8701, 8.1586, 1.7684



0.8426, 0.4304, 0.2169

Previews

White Background



This preview shows how the XYZ color 41.7790, 42.4623, 63.1208 looks on a white background.

Color Contrast Check

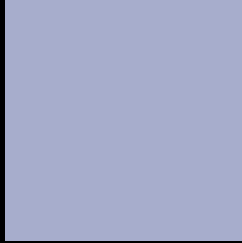
Large Text (above 18pt) WCAG AA × Fail

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 41.7790, 42.4623, 63.1208 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

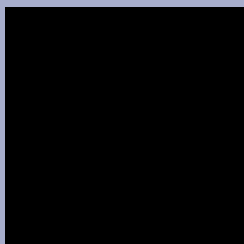
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.7790, 42.4623, 63.1208

Background



This preview shows how black text looks on a background with the XYZ color 41.7790, 42.4623, 63.1208.



This preview shows how white text looks on a background with the XYZ color 41.7790, 42.4623,

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

41.7790, 42.4623, 63.1208

Protanopia

41.9911, 42.5716, 63.1307

Deuteranopia

43.2987, 42.3873, 63.6571



Tritanopia

39.8251, 42.2266, 54.1956

Trichromacy



Original Color

41.7790, 42.4623, 63.1208

Protanomaly

41.9911, 42.5716, 63.1307

Deuteranomaly

42.8159, 42.4178, 63.6884

Tritanomaly

40.3907, 42.1665, 57.0491

Monochromacy



Original Color

41.7790, 42.4623, 63.1208

Achromatopsia

40.7470, 42.8690, 46.6844

Achromatomaly

41.0122, 42.5879, 52.5131

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.7790, 42.4623, 63.1208 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(167, 173, 204)` looks like.

```
.text, #text, p{  
    color:rgb(167, 173, 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(167, 173, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 173, 204) }
```

Border

The CSS property to change the border of an element to XYZ 41.7790, 42.4623, 63.1208 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(167, 173, 204) }
```


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

```
.border{ border-color:rgb(167, 173, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 173, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 173, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 173, 204);  
box-shadow:4px 4px 4px 4px rgb(167, 173,  
204) }
```

Background

The CSS property to change the background color of an element to XYZ 41.7790, 42.4623, 63.1208 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 173, 204) }
```

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

```
.background{ background-color: rgb(167,  
173, 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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