

Converting Colors

XYZ(44.2672, 44.0989, 60.2116)

Have a look what the booklet for
XYZ(44.2672, 44.0989, 60.2116)
contains.

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Color

**XYZ(44.2672, 44.0989,
60.2116)**

Conversions

Conversions Part 1

Format	Color
Hex	B4AEC7
RGB	180, 174, 199
RGB Percent	71%, 68%, 78%
CMY	0.2941, 0.3176, 0.2196
CMYK	0.10, 0.13, 0.00, 0.22
HSL	254°, 18%, 73%
HSV	254°, 13%, 78%
XYZ	44.2672, 44.0989, 60.2116
YIQ	178.6440, -4.4490, 9.0470

Conversions

Conversions Part 2

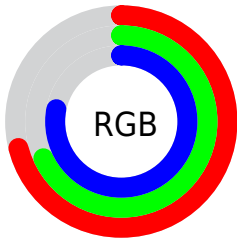
Format	Color
R _Y B	180, 174, 199
Decimal	11841223
CIE Lab	72.29, 6.99, -11.93
CIE LCh	72, 13.827, 300.372
Yxy	44.0989, 0.2979, 0.2968
Android (android.graphics.Color)	4290031303 (0xFFB4AEC7)
YUV	178.6440, 10.0355, 1.1892
Hunter-Lab	66.4070, 2.7766, -7.2737

Details

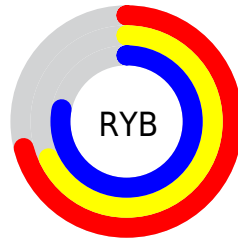
The XYZ color **44.2672, 44.0989, 60.2116** is a light color, and the websafe version is hex **999999**. A complement of this color would be **50.0573, 55.2414, 48.0709**, and the grayscale version is **42.6094, 44.8285, 48.8182**.

A 20% lighter version of the original color is **80.6614, 81.0915, 106.0087**, and **20.8228, 20.4754, 29.6427** is the 20% darker color. If you saturate the color by 10%, you get **37.3730, 35.2552, 58.8686**, and if you desaturate by 10%, it is **52.1179, 54.2836, 61.7643**.

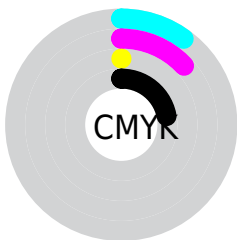
Distribution



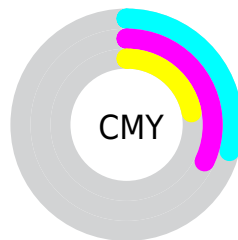
- Red (71%)
- Green (68%)
- Blue (78%)



- Red (71%)
- Yellow (68%)
- Blue (78%)



- Cyan (10%)
- Magenta (13%)
- Yellow (0%)
- Black (22%)



- Cyan (29%)
- Magenta (32%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 44.2672, 44.0989, 60.2116 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 44.2672, 44.0989, 60.2116 by changing the saturation by 10% instead.

■ 44.2672, 44.0989,
60.2116

■ 44.2672, 44.0989,
60.2116

354.6314,
363.1117, 443.2036

■ 31.0794, 30.7483,
43.1628

■ 80.8635, 81.3665,
106.6829

■ 20.8115, 20.4072,
29.6805

105.0028,
106.0523, 136.9426

■ 13.0979, 12.6914,
19.3462

133.5233,
135.2853, 172.4429

■ 7.5735, 7.2164,
11.7414

166.7903,
169.4499, 213.6024

■ 3.8728, 3.5978,
6.4474

205.1693,
208.9304, 260.8397

■ 1.6304, 1.4512,
3.0459

249.0256,

■ 0.4121, 0.2540,

254.1113, 314.5733

1.1181

298.7245,
305.3769, 375.2217

■ 0.0000, 0.0000,
0.0000

■ 44.2672, 44.0989,
60.2116

■ 44.2672, 44.0989,
60.2116

■ 37.3730, 35.2552,
58.8686

■ 52.1179, 54.2836,
61.7643

■ 31.3940, 27.6906,
57.7236

■ 60.9564, 65.8565,
63.5323

■ 26.2920, 21.3467,
56.7681

■ 70.8171, 78.8695,
65.5244

■ 22.0241, 16.1583,
55.9916

■ 81.7319, 93.3700,
67.7480

■ 18.5438, 12.0541,
55.3828

■ 87.3089, 96.9036,
68.1361

■ 15.8000, 8.9546,
54.9291

■ 13.7347, 6.7690,
54.6161

■ 12.2804, 5.3894,
54.4265

■ 11.5159, 4.7458,
54.3426

Harmonies

Analogous

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



41.9444, 44.0989, 62.3235



44.2672, 44.0989, 60.2116



46.0125, 44.0989, 54.7789

Triad

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



44.2672, 44.0989, 60.2116



44.2139, 44.0989, 37.5177



37.5104, 44.0989, 48.1013

Complementary

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



44.2672, 44.0989, 60.2116



50.0573, 55.2414, 48.0709

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.



38.0677, 44.0989, 41.8344



44.2672, 44.0989, 60.2116



41.8850, 44.0989, 36.0854

Square

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



44.2672, 44.0989, 60.2116



45.9809, 44.0989, 41.7002



39.6470, 44.0989, 37.5898



38.0956, 44.0989, 54.9398

Rectangle

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



44.2672, 44.0989, 60.2116



46.5819, 44.0989, 50.2377



39.6470, 44.0989, 37.5898



37.5701, 44.0989, 45.8612

Sweetspot

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



44.2685, 44.1008, 60.2126



89.0870, 92.2230, 107.7132



46.8726, 51.3372, 61.4721



18.8351, 19.4360, 23.0088



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.



44.2685, 44.1008, 60.2126



74.1396, 72.8739, 104.7662



47.2690, 45.6476, 60.3530



10.2910, 10.4083, 13.3841



7.4714, 3.0859, 34.9462



0.4211, 0.1808, 1.6579

Inverse Universe

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



48.3164, 46.2664, 56.8380



82.5958, 77.3999, 97.6327



47.0428, 53.6874, 47.9298



10.9701, 10.7714, 12.8258



18.7861, 9.2640, 19.8815



0.9165, 0.4494, 1.0835

Previews

White Background



This preview shows how the XYZ color 44.2672, 44.0989, 60.2116 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 44.2672, 44.0989, 60.2116 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

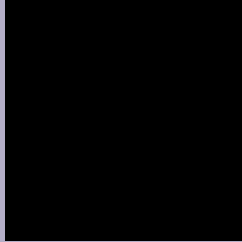
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 44.2672, 44.0989, 60.2116

Background



This preview shows how black text looks on a background with the XYZ color 44.2672, 44.0989, 60.2116.



This preview shows how white text looks on a background with the XYZ color 44.2672, 44.0989,

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

44.2672, 44.0989, 60.2116

Protanopia

43.4062, 44.2195, 60.8910

Deuteranopia

45.0195, 44.2010, 60.1917



Tritanopia

43.0707, 44.1898, 54.4035

Trichromacy



Original Color

44.2672, 44.0989, 60.2116

Protanomaly

43.6598, 44.0602, 60.8469

Deuteranomaly

44.7808, 44.0779, 60.1805

Tritanomaly

43.5460, 44.0939, 56.6679

Monochromacy



Original Color

44.2672, 44.0989, 60.2116

Achromatopsia

42.8472, 45.0786, 49.0906

Achromatomaly

43.1755, 44.5732, 52.7823

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.2672, 44.0989, 60.2116 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(180, 174, 199)` looks like.

```
.text, #text, p{  
    color:rgb(180, 174, 199)  
}
```

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(180, 174, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 174, 199) }
```

Border

The CSS property to change the border of an element to XYZ 44.2672, 44.0989, 60.2116 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(180, 174, 199) }
```


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

```
.border{ border-color:rgb(180, 174, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 174, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 174, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 174, 199);  
box-shadow:4px 4px 4px 4px rgb(180, 174,  
199) }
```

Background

The CSS property to change the background color of an element to XYZ 44.2672, 44.0989, 60.2116 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 174, 199) }
```

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

```
.background{ background-color: rgb(180,  
174, 199) }
```

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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