

Converting Colors

XYZ(44.5979, 43.7292, 63.4452)

Have a look what the booklet for
XYZ(44.5979, 43.7292, 63.4452)
contains.

XYZ(44.4740, 43.5680, 63.1922)	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(44.4740, 43.5680,
63.1922)**

Conversions

Conversions Part 1

Format	Color
Hex	B4ACCC
RGB	180, 172, 204
RGB Percent	71%, 67%, 80%
CMY	0.2941, 0.3255, 0.2000
CMYK	0.12, 0.16, 0.00, 0.20
HSL	255°, 24%, 74%
HSV	255°, 16%, 80%
XYZ	44.4740, 43.5680, 63.1922
YIQ	178.0400, -5.5040, 11.6480

Conversions

Conversions Part 2

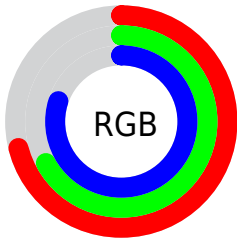
Format	Color
R _Y B	180, 172, 204
Decimal	11840716
CIE Lab	71.94, 9.13, -15.21
CIE LCh	72, 17.736, 300.970
Yxy	43.5680, 0.2941, 0.2881
Android (android.graphics.Color)	4290030796 (0xFFB4ACCC)
YUV	178.0400, 12.7983, 1.7189
Hunter-Lab	66.0061, 4.7603, -10.5582

Details

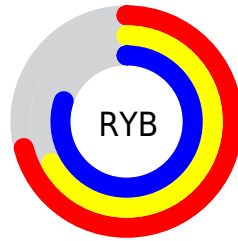
The XYZ color **44.4740, 43.5680, 63.1922** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **51.8058, 57.9012, 47.4774**, and the grayscale version is **42.2757, 44.4773, 48.4358**.

A 20% lighter version of the original color is **80.1112, 79.9910, 105.8252**, and **20.9739, 20.1470, 31.6375** is the 20% darker color. If you saturate the color by 10%, you get **37.5181, 34.6551, 61.8391**, and if you desaturate by 10%, it is **52.4218, 53.8792, 64.7643**.

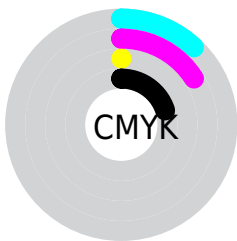
Distribution



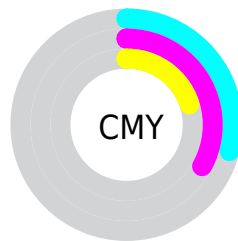
- Red (71%)
- Green (67%)
- Blue (80%)



- Red (71%)
- Yellow (67%)
- Blue (80%)



- Cyan (12%)
- Magenta (16%)
- Yellow (0%)
- Black (20%)



- Cyan (29%)
- Magenta (33%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 44.4740, 43.5680, 63.1922 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 44.4740, 43.5680, 63.1922 by changing the saturation by 10% instead.

■ 44.4740, 43.5680,
63.1922

■ 44.4740, 43.5680,
63.1922

355.4587,
360.9425, 454.3938

■ 31.2428, 30.3310,
45.5547

■ 81.1725, 80.5673,
111.0350

■ 20.9366, 20.0900,
31.5485

105.3705,
105.0984, 142.0774

■ 13.1898, 12.4605,
20.7549

133.9548,
134.1630, 178.4252

■ 7.6373, 7.0581,
12.7555

167.2908,
168.1455, 220.4969

■ 3.9136, 3.4985,
7.1316

205.7438,
207.4303, 268.7111

■ 1.6534, 1.3972,
3.4649

249.6793,

■ 0.4268, 0.2146,

252.4018, 323.4863

1.3366

299.4624,
303.4444, 385.2410

■ 0.0000, 0.0000,
0.0915

■ 0.0000, 0.0000,
0.0000

■ 44.4740, 43.5680,
63.1922

■ 44.4740, 43.5680,
63.1922

■ 37.5181, 34.6551,
61.8391

■ 52.4218, 53.8792,
64.7643

■ 31.5104, 27.0743,
60.6925

■ 61.3949, 65.6403,
66.5614

■ 26.4095, 20.7622,
59.7430

■ 71.4304, 78.9068,
68.5932

■ 22.1695, 15.6479,
58.9793

■ 82.5618, 93.7297,
70.8676

■ 18.7402, 11.6534,
58.3891

■ 87.8992, 97.1397,
71.2445

■ 16.0659, 8.6914,
57.9583

■ 14.0832, 6.6607,
57.6708

■ 12.7161, 5.4382,
57.5069

■ 12.2639, 5.0632,
57.4584

Harmonies

Analogous

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



41.5086, 43.5680, 66.1064



44.4740, 43.5680, 63.1922



46.7035, 43.5680, 55.9840

Triad

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



44.4740, 43.5680, 63.1922



44.2954, 43.5680, 34.3199



35.8656, 43.5680, 47.7207

Complementary

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



44.4740, 43.5680, 63.1922



51.8058, 57.9012, 47.4774

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.



36.5325, 43.5680, 39.8095



44.4740, 43.5680, 63.1922



41.3117, 43.5680, 32.6637

Square

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



44.4740, 43.5680, 63.1922



46.5969, 43.5680, 39.3766



38.4902, 43.5680, 34.5476



36.6232, 43.5680, 56.5311

Rectangle

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



44.4740, 43.5680, 63.1922



47.4204, 43.5680, 50.0992



38.4902, 43.5680, 34.5476



35.9304, 43.5680, 44.8730

Sweetspot

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



44.4753, 43.5698, 63.1932



87.6854, 90.3643, 107.4283



47.7743, 52.8525, 64.8110



18.5543, 19.0625, 22.9515



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.



44.4753, 43.5698, 63.1932



69.3652, 66.6353, 103.8137



48.2795, 45.5309, 63.3712



10.8601, 10.9772, 14.1168



7.7917, 3.2243, 36.1680



0.4736, 0.2033, 1.8692

Inverse Universe

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



49.6197, 46.3298, 58.5540



79.6050, 72.1323, 94.4343



47.9875, 55.9328, 47.2987



11.5631, 11.3540, 13.4997



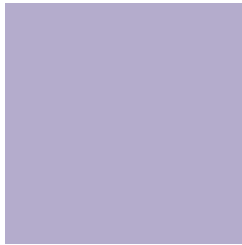
19.3320, 9.5434, 19.9986



1.0265, 0.5040, 1.1855

Previews

White Background



This preview shows how the XYZ color 44.4740, 43.5680, 63.1922 looks on a white background.

Color Contrast Check

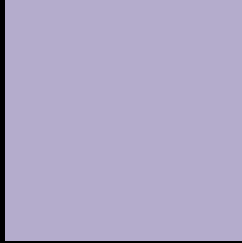
Large Text (above 18pt) WCAG AA × Fail

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 44.4740, 43.5680, 63.1922 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 44.4740, 43.5680, 63.1922

Background



This preview shows how black text looks on a background with the XYZ color 44.4740, 43.5680, 63.1922.



This preview shows how white text looks on a background with the XYZ color 44.4740, 43.5680,

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

44.4740, 43.5680, 63.1922

Protanopia

43.0481, 43.6622, 64.5513

Deuteranopia

44.4740, 43.5680, 63.1922



Tritanopia

42.5385, 43.6379, 53.7579

Trichromacy



Original Color

44.4740, 43.5680, 63.1922

Protanomaly

43.6111, 43.6786, 63.8899

Deuteranomaly

44.4740, 43.5680, 63.1922

Tritanomaly

43.2338, 43.6321, 57.1821

Monochromacy



Original Color

44.4740, 43.5680, 63.1922

Achromatopsia

42.3164, 44.5201, 48.4824

Achromatomaly

43.0854, 44.2222, 53.2786

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.4740, 43.5680, 63.1922 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, 172, 204)` looks like.

```
.text, #text, p{  
    color:rgb(180, 172, 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(180, 172, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 172, 204) }
```

Border

The CSS property to change the border of an element to XYZ 44.4740, 43.5680, 63.1922 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, 172, 204) }
```


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

```
.border{ border-color:rgb(180, 172, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 172, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 172, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 172, 204);  
box-shadow:4px 4px 4px 4px rgb(180, 172,  
204) }
```

Background

The CSS property to change the background color of an element to XYZ 44.4740, 43.5680, 63.1922 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 172, 204) }
```

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

```
.background{ background-color: rgb(180,  
172, 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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