

Converting Colors

XYZ(43.6783, 44.4628, 64.6331)

Have a look what the booklet for
XYZ(43.6783, 44.4628, 64.6331)
contains.

XYZ(43.6573, 44.5584, 64.6922)	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(43.6573, 44.5584,
64.6922)**

Conversions

Conversions Part 1

Format	Color
Hex	ABB1CE
RGB	171, 177, 206
RGB Percent	67%, 69%, 81%
CMY	0.3294, 0.3059, 0.1922
CMYK	0.17, 0.14, 0.00, 0.19
HSL	230°, 26%, 74%
HSV	230°, 17%, 81%
XYZ	43.6573, 44.5584, 64.6922
YIQ	178.5120, -12.8850, 7.7470

Conversions

Conversions Part 2

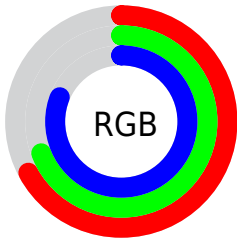
Format	Color
RYB	171, 176, 206
Decimal	11252174
CIELab	72.60, 3.89, -15.38
CIELCh	73, 15.860, 284.181
Yxy	44.5584, 0.2855, 0.2914
Android (android.graphics.Color)	4289442254 (0xFFABB1CE)
YUV	178.5120, 13.5516, -6.5880
Hunter-Lab	66.7521, -0.0733, -10.7339

Details

The XYZ color **43.6573, 44.5584, 64.6922** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **53.4590, 57.3707, 46.7852**, and the grayscale version is **42.5245, 44.7391, 48.7209**.

A 20% lighter version of the original color is **78.8675, 81.8287, 106.2455**, and **20.4723, 20.7858, 32.6388** is the 20% darker color. If you saturate the color by 10%, you get **36.3523, 36.0980, 63.4449**, and if you desaturate by 10%, it is **52.0860, 54.2263, 66.1148**.

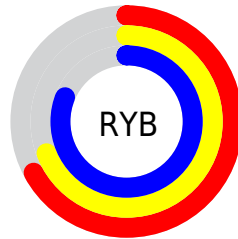
Distribution



Red (67%)

Green (69%)

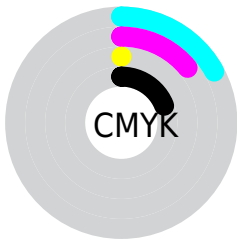
Blue (81%)



Red (67%)

Yellow (69%)

Blue (81%)

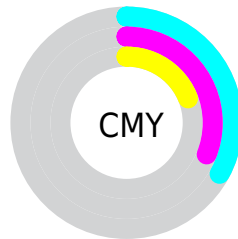


Cyan (17%)

Magenta (14%)

Yellow (0%)

Black (19%)



Cyan (33%)

Magenta (31%)

Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.6573, 44.5584, 64.6922 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 43.6573, 44.5584, 64.6922 by changing the saturation by 10% instead.

■ 43.6573, 44.5584,
64.6922

■ 43.6573, 44.5584,
64.6922

352.1838,
364.9821, 459.9609

■ 30.5979, 31.1097,
46.7618

■ 79.9514, 82.0573,
113.2163

■ 20.4432, 20.6824,
32.4944

103.9168,
106.8764, 144.6470

■ 12.8277, 12.8921,
21.4714

132.2482,
136.2544, 181.4149

■ 7.3862, 7.3543,
13.2745

165.3111,
170.5757, 223.9385

■ 3.7533, 3.6846,
7.4849

203.4707,
210.2248, 272.6364

■ 1.5635, 1.4988,
3.6841

247.0925,

■ 0.3684, 0.2879,

255.5859, 327.9270

1.4537

296.5418,
307.0436, 390.2290

■ 0.0000, 0.0000,
0.1831

■ 0.0000, 0.0000,
0.0000

■ 43.6573, 44.5584,
64.6922

■ 43.6573, 44.5584,
64.6922

■ 36.3523, 36.0980,
63.4449

■ 52.0860, 54.2263,
66.1148

■ 30.1190, 28.7920,
62.3632

■ 61.6793, 65.1410,
67.7159

■ 24.9077, 22.5912,
61.4410

■ 72.4808, 77.3472,
69.5026

■ 20.6627, 17.4410,
60.6707

■ 84.5309, 90.8854,
71.4807

■ 17.3230, 13.2818,
60.0439

■ 88.1407, 97.2363,
72.5162

■ 14.8205, 10.0480,
59.5516

■ 13.0770, 7.6656,
59.1836

■ 11.9928, 6.0453,
58.9280

■ 11.7514, 5.6776,
58.8698

Harmonies

Analogous

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



40.9292, 44.5584, 64.5568



43.6573, 44.5584, 64.6922



46.1363, 44.5584, 60.1809

Triad

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



43.6573, 44.5584, 64.6922



46.2493, 44.5584, 38.7284



37.4748, 44.5584, 44.5125

Complementary

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



43.6573, 44.5584, 64.6922



53.4590, 57.3707, 46.7852

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.



38.7794, 44.5584, 38.4661



43.6573, 44.5584, 64.6922



43.8062, 44.5584, 35.3811

Square

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



43.6573, 44.5584, 64.6922



47.6760, 44.5584, 44.9077



41.0718, 44.5584, 35.2905



37.4388, 44.5584, 52.3136

Rectangle

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



43.6573, 44.5584, 64.6922



47.2811, 44.5584, 55.4003



41.0718, 44.5584, 35.2905



37.7769, 44.5584, 42.2280

Sweetspot

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



43.6587, 44.5602, 64.6932



87.2360, 91.1058, 107.5951



49.2435, 56.9521, 62.7869



18.4454, 19.2418, 22.9918



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.



43.6587, 44.5602, 64.6932



66.6821, 67.5180, 104.1255



45.0156, 43.5384, 64.4244



10.7547, 11.1498, 14.1557



7.2854, 3.5947, 36.2661



0.4251, 0.2839, 1.8873

Inverse Universe

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



47.9534, 45.4231, 47.8371



74.8108, 69.2369, 72.2027



51.9070, 58.6747, 47.1187



11.2895, 11.2445, 12.0593



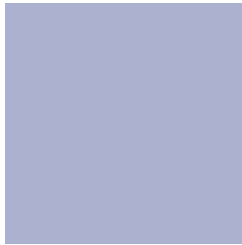
15.8882, 8.1659, 1.8641



0.8445, 0.4312, 0.2271

Previews

White Background



This preview shows how the XYZ color 43.6573, 44.5584, 64.6922 looks on a white background.

Color Contrast Check

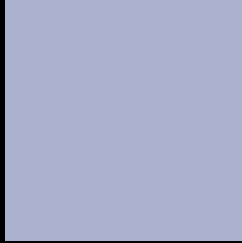
Large Text (above 18pt) WCAG AA × Fail

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 43.6573, 44.5584, 64.6922 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

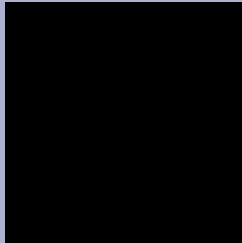
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.6573, 44.5584, 64.6922

Background



This preview shows how black text looks on a background with the XYZ color 43.6573, 44.5584, 64.6922.



This preview shows how white text looks on a background with the XYZ color 43.6573, 44.5584,

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

43.6573, 44.5584, 64.6922

Protanopia

44.0963, 44.7847, 64.7127

Deuteranopia

45.4546, 44.6009, 65.2446



Tritanopia

42.1079, 44.5255, 56.8270

Trichromacy



Original Color

43.6573, 44.5584, 64.6922

Protanomaly

43.8760, 44.6712, 64.7024

Deuteranomaly

44.7239, 44.5120, 65.2660

Tritanomaly

42.6910, 44.4641, 59.7584

Monochromacy



Original Color

43.6573, 44.5584, 64.6922

Achromatopsia

42.8472, 45.0786, 49.0906

Achromatomaly

43.0102, 44.7450, 54.5139

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.6573, 44.5584, 64.6922 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(171, 177, 206)` looks like.

```
.text, #text, p{  
    color:rgb(171, 177, 206)  
}
```

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(171, 177, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 177, 206) }
```

Border

The CSS property to change the border of an element to XYZ 43.6573, 44.5584, 64.6922 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(171, 177, 206) }
```


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

```
.border{ border-color:rgb(171, 177, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 177, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 177, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 177, 206);  
box-shadow:4px 4px 4px 4px rgb(171, 177,  
206) }
```

Background

The CSS property to change the background color of an element to XYZ 43.6573, 44.5584, 64.6922 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 177, 206) }
```

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

```
.background{ background-color: rgb(171,  
177, 206) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor