

Converting Colors

XYZ(43.6706, 46.0016, 67.5503)

Have a look what the booklet for
XYZ(43.6706, 46.0016, 67.5503)
contains.

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Color

**XYZ(43.6706, 46.0016,
67.5503)**

Conversions

Conversions Part 1

Format	Color
Hex	A4B6D2
RGB	164, 182, 210
RGB Percent	64%, 71%, 82%
CMY	0.3569, 0.2863, 0.1765
CMYK	0.22, 0.13, 0.00, 0.18
HSL	217°, 34%, 73%
HSV	217°, 22%, 82%
XYZ	43.6706, 46.0016, 67.5503
YIQ	179.8100, -19.7160, 4.8920

Conversions

Conversions Part 2

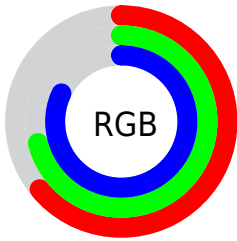
Format	Color
RYB	164, 177, 210
Decimal	10794706
CIELab	73.55, -0.15, -16.19
CIELCh	74, 16.187, 269.453
Yxy	46.0016, 0.2778, 0.2926
Android (android.graphics.Color)	4288984786 (0xFFA4B6D2)
YUV	179.8100, 14.8837, -13.8654
Hunter-Lab	67.8245, -3.7609, -11.5732

Details

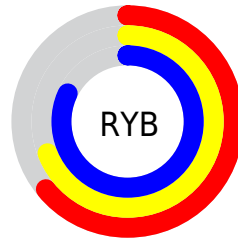
The XYZ color **43.6706, 46.0016, 67.5503** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **52.1291, 54.0811, 42.8140**, and the grayscale version is **43.2120, 45.4624, 49.5085**.

A 20% lighter version of the original color is **77.8380, 83.4291, 106.6087**, and **20.3222, 21.4466, 34.0789** is the 20% darker color. If you saturate the color by 10%, you get **37.1904, 38.9518, 66.5319**, and if you desaturate by 10%, it is **51.1082, 53.9019, 68.6840**.

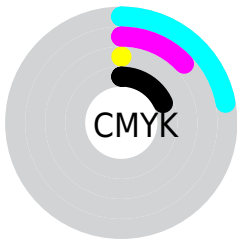
Distribution



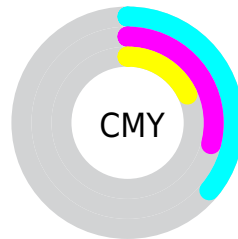
- Red (64%)
- Green (71%)
- Blue (82%)



- Red (64%)
- Yellow (69%)
- Blue (82%)



- Cyan (22%)
- Magenta (13%)
- Yellow (0%)
- Black (18%)



- Cyan (36%)
- Magenta (29%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.6706, 46.0016, 67.5503 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 43.6706, 46.0016, 67.5503 by changing the saturation by 10% instead.

■ 43.6706, 46.0016,
67.5503

■ 43.6706, 46.0016,
67.5503

352.2373,
370.8151, 470.4558

■ 30.6084, 32.2471,
49.0676

■ 79.9713, 84.2214,
117.3567

■ 20.4512, 21.5503,
34.3071

■ 103.9405,
109.4555, 149.5175

■ 12.8336, 13.5268,
22.8504

132.2761,
139.2848, 187.0746

■ 7.3903, 7.7923,
14.2788

165.3434,
174.0939, 230.4468

■ 3.7559, 3.9623,
8.1739

203.5079,
214.2671, 280.0524

■ 1.5650, 1.6525,
4.1170

247.1348,

■ 0.3694, 0.3926,

260.1887, 336.3101

1.6898

296.5895,
312.2433, 399.6384

■ 0.0000, 0.0000,
0.3537

■ 0.0000, 0.0000,
0.0000

■ 43.6706, 46.0016,
67.5503

■ 43.6706, 46.0016,
67.5503

■ 37.1904, 38.9518,
66.5319

■ 51.1082, 53.9019,
68.6840

■ 31.6219, 32.7161,
65.6217

■ 59.5377, 62.6763,
69.9333

■ 26.9217, 27.2635,
64.8170

■ 68.9971, 72.3541,
71.3028

■ 23.0413, 22.5585,
64.1134

■ 79.5211, 82.9617,
72.7956

■ 19.9265, 18.5626,
63.5062

■ 85.8020, 91.7712,
74.1649

■ 17.5161, 15.2327,
62.9905

■ 88.6330, 97.4332,
75.1086

■ 15.7377, 12.5194,
62.5606

■ 14.6643, 10.7158,
62.2690

Harmonies

Analogous

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



40.9865, 46.0016, 64.9172



43.6706, 46.0016, 67.5503



46.4841, 46.0016, 65.0963

Triad

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



43.6706, 46.0016, 67.5503



48.6901, 46.0016, 42.7342



39.1548, 46.0016, 42.5001

Complementary

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



43.6706, 46.0016, 67.5503



52.1291, 54.0811, 42.8140

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.



41.0738, 46.0016, 37.5842



43.6706, 46.0016, 67.5503



46.5789, 46.0016, 37.7087

Square

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



43.6706, 46.0016, 67.5503



49.4576, 46.0016, 50.2386



43.7757, 46.0016, 35.9286



38.4500, 46.0016, 49.9375

Rectangle

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



43.6706, 46.0016, 67.5503



48.0376, 46.0016, 61.0430



43.7757, 46.0016, 35.9286



39.6750, 46.0016, 40.5288

Sweetspot

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



43.6720, 46.0035, 67.5513



85.4167, 90.0334, 107.4840



47.8274, 57.7746, 58.2688



18.1128, 19.0939, 22.9808



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.



43.6720, 46.0035, 67.5513



63.1726, 66.4218, 104.0989



41.1857, 39.5958, 66.4456



11.5377, 12.1657, 14.9838



9.0362, 6.7191, 38.0131



0.5816, 0.5283, 2.1509

Inverse Universe

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



48.2984, 43.6310, 50.1342



71.5935, 62.4144, 72.3262



55.0356, 61.8105, 44.1528



11.9976, 11.8838, 13.2630



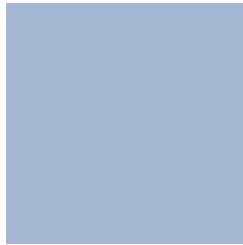
17.1918, 8.7496, 5.9162



0.9998, 0.5046, 0.5336

Previews

White Background



This preview shows how the XYZ color 43.6706, 46.0016, 67.5503 looks on a white background.

Color Contrast Check

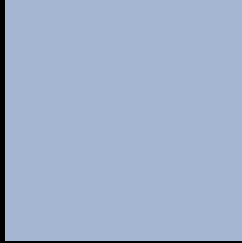
Large Text (above 18pt) WCAG AA × Fail

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 43.6706, 46.0016, 67.5503 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

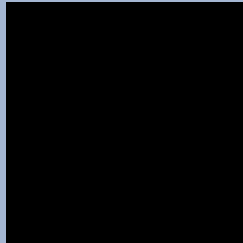
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.6706, 46.0016, 67.5503

Background



This preview shows how black text looks on a background with the XYZ color 43.6706, 46.0016, 67.5503.



This preview shows how white text looks on a background with the XYZ color 43.6706, 46.0016,

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

43.6706, 46.0016, 67.5503

Protanopia

45.1845, 45.9082, 66.1542

Deuteranopia

46.8116, 45.8211, 68.0051



Tritanopia

42.3496, 46.0859, 60.6962

Trichromacy



Original Color

43.6706, 46.0016, 67.5503

Protanomaly

44.6245, 45.9039, 66.8300

Deuteranomaly

45.5828, 45.7740, 68.0608

Tritanomaly

42.8172, 45.9653, 63.1154

Monochromacy



Original Color

43.6706, 46.0016, 67.5503

Achromatopsia

43.3819, 45.6411, 49.7032

Achromatomaly

43.3834, 45.8080, 55.8455

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.6706, 46.0016, 67.5503 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(164, 182, 210)` looks like.

```
.text, #text, p{  
    color:rgb(164, 182, 210)  
}
```

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(164, 182, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 182, 210) }
```

Border

The CSS property to change the border of an element to XYZ 43.6706, 46.0016, 67.5503 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(164, 182, 210) }
```


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

```
.border{ border-color:rgb(164, 182, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 182, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 182, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 182, 210);  
box-shadow:4px 4px 4px 4px rgb(164, 182,  
210) }
```

Background

The CSS property to change the background color of an element to XYZ 43.6706, 46.0016, 67.5503 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 182, 210) }
```

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

```
.background{ background-color: rgb(164,  
182, 210) }
```

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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