

Converting Colors

XYZ(43.9132, 48.8537, 62.9959)

Have a look what the booklet for
XYZ(43.9132, 48.8537, 62.9959)
contains.

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Color

**XYZ(43.7721, 48.6682,
62.9640)**

Conversions

Conversions Part 1

Format	Color
Hex	A1BECA
RGB	161, 190, 202
RGB Percent	63%, 75%, 79%
CMY	0.3686, 0.2549, 0.2078
CMYK	0.20, 0.06, 0.00, 0.21
HSL	198°, 28%, 71%
HSV	198°, 20%, 79%
XYZ	43.7721, 48.6682, 62.9640
YIQ	182.6970, -21.1360, -2.4160

Conversions

Conversions Part 2

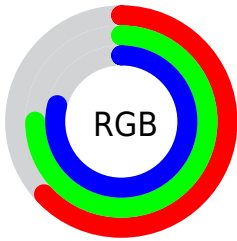
Format	Color
RYB	161, 178, 202
Decimal	10600138
CIELab	75.24, -7.17, -9.31
CIELCh	75, 11.751, 232.373
Yxy	48.6682, 0.2817, 0.3132
Android (android.graphics.Color)	4288790218 (0xFFA1BECA)
YUV	182.6970, 9.5164, -19.0283
Hunter-Lab	69.7626, -10.0859, -4.6782

Details

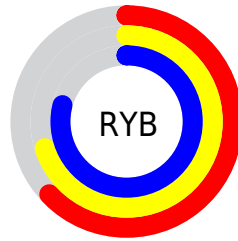
The XYZ color **43.7721, 48.6682, 62.9640** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **45.7343, 45.0172, 39.9981**, and the grayscale version is **44.8028, 47.1360, 51.3312**.

A 20% lighter version of the original color is **79.3247, 87.7305, 107.3606**, and **20.5976, 23.2806, 31.4250** is the 20% darker color. If you saturate the color by 10%, you get **38.7715, 44.2292, 62.3715**, and if you desaturate by 10%, it is **49.4852, 53.5541, 63.6068**.

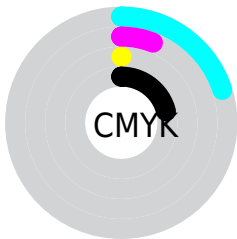
Distribution



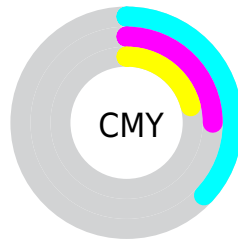
- Red (63%)
- Green (75%)
- Blue (79%)



- Red (63%)
- Yellow (70%)
- Blue (79%)



- Cyan (20%)
- Magenta (6%)
- Yellow (0%)
- Black (21%)



- Cyan (37%)
- Magenta (25%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.7721, 48.6682, 62.9640 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 43.7721, 48.6682, 62.9640 by changing the saturation by 10% instead.

■ 43.7721, 48.6682,
62.9640

■ 43.7721, 48.6682,
62.9640

352.6454,
381.4346, 453.5432

■ 30.6885, 34.3563,
45.3713

■ 80.1232, 88.1985,
110.7026

■ 20.5124, 23.1675,
31.4049

■ 104.1214,
114.1857, 141.6856

■ 12.8785, 14.7172,
20.6463

132.4885,
144.8334, 177.9692

■ 7.4214, 8.6212,
12.6770

165.5899,
180.5262, 219.9717

■ 3.7756, 4.4949,
7.0784

203.7909,
221.6482, 268.1118

■ 1.5760, 1.9541,
3.4320

247.4570,

■ 0.3767, 0.5806,

268.5841, 322.8081

1.3192

296.9533,
321.7181, 384.4790

■ 0.0000, 0.0000,
0.0775

■ 0.0000, 0.0000,
0.0000

■ 43.7721, 48.6682,
62.9640

■ 43.7721, 48.6682,
62.9640

■ 38.7715, 44.2292,
62.3715

■ 49.4852, 53.5541,
63.6068

■ 34.4468, 40.2136,
61.8244

■ 55.9364, 58.8973,
64.2981

■ 30.7649, 36.6046,
61.3218

■ 63.1554, 64.7151,
65.0405

■ 27.6877, 33.3817,
60.8619

■ 71.1689, 71.0222,
65.8356

■ 25.1730, 30.5222,
60.4425

■ 77.3786, 76.4800,
66.5617

■ 23.1726, 28.0002,
60.0612

■ 78.9536, 79.6298,
67.0867

■ 21.6295, 25.7854,
59.7150

■ 80.5838, 82.8904,
67.6301

■ 20.4667, 23.8760,
59.4077

■ 82.2701, 86.2628,
68.1922

■ 84.0127, 89.7481,
68.7731

Harmonies

Analogous

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



42.5283, 48.6682, 57.6413



43.7721, 48.6682, 62.9640



45.7095, 48.6682, 65.6544

Triad

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



43.7721, 48.6682, 62.9640



50.4904, 48.6682, 54.5831



44.6972, 48.6682, 42.7513

Complementary

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



43.7721, 48.6682, 62.9640



45.7343, 45.0172, 39.9981

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.



46.8101, 48.6682, 42.0712



43.7721, 48.6682, 62.9640



50.1989, 48.6682, 48.5985

Square

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



43.7721, 48.6682, 62.9640



49.6200, 48.6682, 60.5770



48.8356, 48.6682, 44.1317



43.0507, 48.6682, 46.0671

Rectangle

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



43.7721, 48.6682, 62.9640



47.1519, 48.6682, 65.4576



48.8356, 48.6682, 44.1317



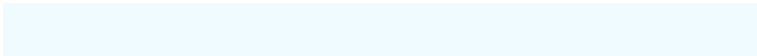
45.3748, 48.6682, 42.2178

Sweetspot

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



43.7735, 48.6702, 62.9651



88.2317, 94.3893, 108.1764



43.3253, 52.8214, 47.2541



18.7325, 20.0763, 23.1377



0.0000, 0.0000, 0.0000



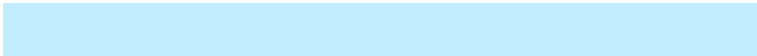
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



43.7735, 48.6702, 62.9651



70.5573, 79.2839, 106.1923



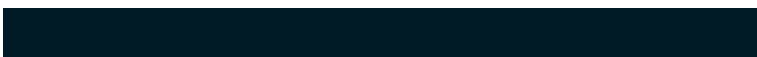
39.7126, 40.5482, 61.6114



11.2552, 12.1509, 14.3225



13.2500, 15.5240, 38.2544



0.7471, 0.9280, 1.9947

Inverse Universe

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



46.3975, 41.7652, 54.3334



75.7867, 65.8743, 88.9110



49.8868, 53.3223, 41.3823



11.5422, 11.3456, 13.3898



18.8989, 9.3702, 17.7181



1.0071, 0.4962, 1.0831

Previews

White Background



This preview shows how the XYZ color 43.7721, 48.6682, 62.9640 looks on a white background.

Color Contrast Check

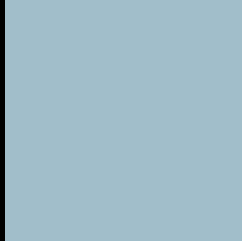
Large Text (above 18pt) WCAG AA × Fail

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 43.7721, 48.6682, 62.9640 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

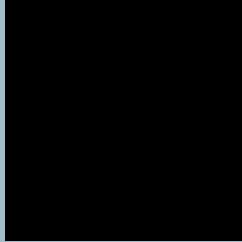
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

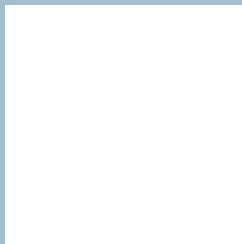
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 43.7721, 48.6682, 62.9640

Background



This preview shows how black text looks on a background with the XYZ color 43.7721, 48.6682, 62.9640.

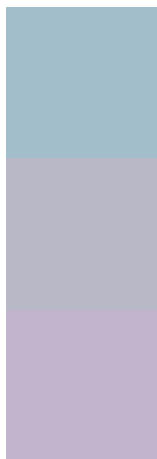


This preview shows how white text looks on a background with the XYZ color 43.7721, 48.6682,

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

43.7721, 48.6682, 62.9640

Protanopia

47.1007, 48.5485, 60.3144

Deuteranopia

49.4685, 48.4715, 63.8754



Tritanopia

44.3332, 48.9161, 64.8627

Trichromacy



Original Color

43.7721, 48.6682, 62.9640

Protanomaly

45.7722, 48.4714, 60.9763

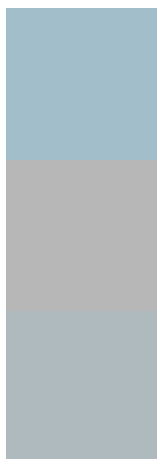
Deuteranomaly

47.2114, 48.5379, 63.3803

Tritanomaly

44.2128, 48.8679, 64.2289

Monochromacy



Original Color

43.7721, 48.6682, 62.9640

Achromatopsia

45.0092, 47.3531, 51.5676

Achromatomaly

44.5324, 47.9495, 55.6233

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.7721, 48.6682, 62.9640 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(161, 190, 202)` looks like.

```
.text, #text, p{  
    color:rgb(161, 190, 202)  
}
```

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(161, 190, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 190, 202) }
```

Border

The CSS property to change the border of an element to XYZ 43.7721, 48.6682, 62.9640 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(161, 190, 202) }
```


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

```
.border{ border-color:rgb(161, 190, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 190, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 190, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 190, 202);  
box-shadow:4px 4px 4px 4px rgb(161, 190,  
202) }
```

Background

The CSS property to change the background color of an element to XYZ 43.7721, 48.6682, 62.9640 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 190, 202) }
```

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

```
.background{ background-color: rgb(161,  
190, 202) }
```

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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