

Converting Colors

XYZ(43.9563, 46.5663, 62.5486)

Have a look what the booklet for
XYZ(43.9563, 46.5663, 62.5486)
contains.

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Color

**XYZ(43.9563, 46.5663,
62.5486)**

Conversions

Conversions Part 1

Format	Color
Hex	A9B7CA
RGB	169, 183, 202
RGB Percent	66%, 72%, 79%
CMY	0.3372, 0.2823, 0.2078
CMYK	0.16, 0.09, 0.00, 0.21
HSL	215°, 24%, 73%
HSV	215°, 16%, 79%
XYZ	43.9563, 46.5663, 62.5486
YIQ	180.9800, -14.4430, 2.9410

Conversions

Conversions Part 2

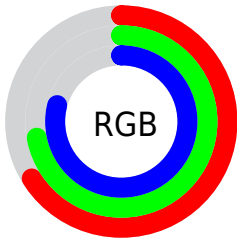
Format	Color
RYB	169, 179, 202
Decimal	11122634
CIELab	73.91, -0.89, -11.24
CIElCh	74, 11.273, 265.482
Yxy	46.5663, 0.2872, 0.3042
Android (android.graphics.Color)	4289312714 (0xFFA9B7CA)
YUV	180.9800, 10.3629, -10.5065
Hunter-Lab	68.2395, -4.4388, -6.5778

Details

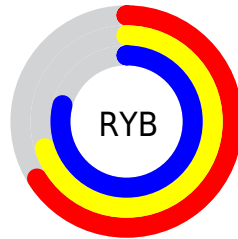
The XYZ color **43.9563, 46.5663, 62.5486** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **49.5020, 51.3872, 44.8466**, and the grayscale version is **43.8627, 46.1469, 50.2540**.

A 20% lighter version of the original color is **79.6570, 84.8003, 106.7775**, and **20.6640, 21.8853, 31.1521** is the 20% darker color. If you saturate the color by 10%, you get **37.6530, 39.9031, 61.5954**, and if you desaturate by 10%, it is **51.1301, 53.9749, 63.6012**.

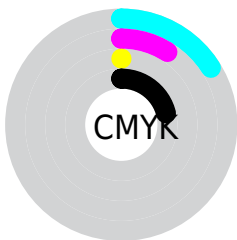
Distribution



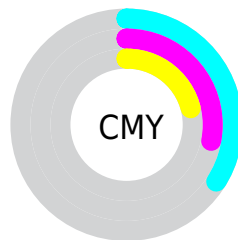
- Red (66%)
- Green (72%)
- Blue (79%)



- Red (66%)
- Yellow (70%)
- Blue (79%)



- Cyan (16%)
- Magenta (9%)
- Yellow (0%)
- Black (21%)



- Cyan (34%)
- Magenta (28%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.9563, 46.5663, 62.5486 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 43.9563, 46.5663, 62.5486 by changing the saturation by 10% instead.

■ 43.9563, 46.5663,
62.5486

■ 43.9563, 46.5663,
62.5486

353.3851,
373.0807, 451.9922

■ 30.8339, 32.6929,
45.0375

■ 80.3987, 85.0659,
110.0973

■ 20.6236, 21.8913,
31.1438

■ 104.4495,
110.4609, 140.9719

■ 12.9600, 13.7771,
20.4490

132.8738,
140.4652, 177.1382

■ 7.4779, 7.9658,
12.5345

166.0369,
175.4633, 219.0146

■ 3.8117, 4.0731,
6.9819

204.3042,
215.8395, 267.0196

■ 1.5961, 1.7145,
3.3725

248.0412,

■ 0.3899, 0.4330,

261.9782, 321.5719

1.2878

297.6130,
314.2638, 383.0899

■ 0.0000, 0.0000,
0.0518

■ 0.0000, 0.0000,
0.0000

■ 43.9563, 46.5663,
62.5486

■ 43.9563, 46.5663,
62.5486

■ 37.6530, 39.9031,
61.5954

■ 51.1301, 53.9749,
63.6012

■ 32.1806, 33.9542,
60.7356

■ 59.2035, 62.1470,
64.7531

■ 27.5025, 28.6946,
59.9670

■ 68.2093, 71.1074,
66.0080

■ 23.5776, 24.0954,
59.2861

■ 78.1774, 80.8780,
67.3685

■ 20.3608, 20.1253,
58.6893

■ 83.3998, 88.5224,
68.5688

■ 17.8014, 16.7500,
58.1727

■ 86.9555, 95.6337,
69.7540

■ 15.8413, 13.9306,
57.7318

■ 87.6608, 97.0443,
69.9891

■ 14.4075, 11.6202,
57.3615

■ 13.9659, 10.8744,
57.2408

Harmonies

Analogous

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



42.1071, 46.5663, 60.3738



43.9563, 46.5663, 62.5486



45.9424, 46.5663, 61.3581

Triad

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



43.9563, 46.5663, 62.5486



47.8389, 46.5663, 46.0912



41.1532, 46.5663, 44.6893

Complementary

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



43.9563, 46.5663, 62.5486



49.5020, 51.3872, 44.8466

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.



42.6189, 46.5663, 41.3585



43.9563, 46.5663, 62.5486



46.4848, 46.5663, 42.1239

Square

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



43.9563, 46.5663, 62.5486



48.2229, 46.5663, 51.5792



44.5648, 46.5663, 40.4558



40.5201, 46.5663, 49.8364

Rectangle

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



43.9563, 46.5663, 62.5486



47.0713, 46.5663, 58.8606



44.5648, 46.5663, 40.4558



41.5626, 46.5663, 43.3359

Sweetspot

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



43.9577, 46.5682, 62.5496



88.2168, 93.0675, 107.9220



46.5283, 54.2948, 55.4360



18.6833, 19.7175, 23.0711



0.0000, 0.0000, 0.0000



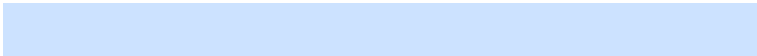
20.3446, 21.4041, 23.3091

Same Dimension

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



43.9577, 46.5682, 62.5496



70.0506, 74.2548, 105.2483



41.6876, 41.3214, 61.6566



10.9865, 11.6135, 14.2329



9.0710, 7.1660, 36.8614



0.5426, 0.5190, 1.9265

Inverse Universe

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



47.0934, 44.3523, 50.8808



76.5111, 69.9170, 81.1560



52.0488, 57.3583, 45.8649



11.4066, 11.2914, 12.6755



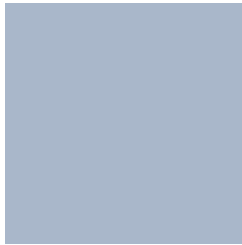
16.7895, 8.5264, 6.6103



0.9038, 0.4549, 0.5395

Previews

White Background



This preview shows how the XYZ color 43.9563, 46.5663, 62.5486 looks on a white background.

Color Contrast Check

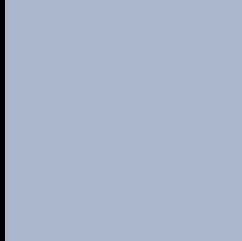
Large Text (above 18pt) WCAG AA × Fail

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 43.9563, 46.5663, 62.5486 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

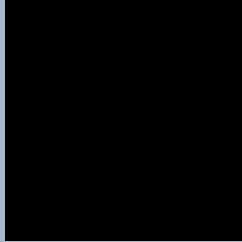
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.9563, 46.5663, 62.5486

Background



This preview shows how black text looks on a background with the XYZ color 43.9563, 46.5663, 62.5486.



This preview shows how white text looks on a background with the XYZ color 43.9563, 46.5663,

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

43.9563, 46.5663, 62.5486

Protanopia

45.3370, 46.3964, 61.2095

Deuteranopia

47.4879, 46.5749, 62.9869



Tritanopia

43.4820, 46.6830, 60.1451

Trichromacy



Original Color

43.9563, 46.5663, 62.5486

Protanomaly

44.7457, 46.3788, 61.8520

Deuteranomaly

46.1910, 46.4971, 63.0402

Tritanomaly

43.5977, 46.7293, 60.7546

Monochromacy



Original Color

43.9563, 46.5663, 62.5486

Achromatopsia

43.9204, 46.2077, 50.3202

Achromatomaly

44.0447, 46.4771, 54.7937

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.9563, 46.5663, 62.5486 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(169, 183, 202)` looks like.

```
.text, #text, p{  
    color:rgb(169, 183, 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(169, 183, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 183, 202) }
```

Border

The CSS property to change the border of an element to XYZ 43.9563, 46.5663, 62.5486 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(169, 183, 202) }
```


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

```
.border{ border-color:rgb(169, 183, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 183, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 183, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 183, 202);  
box-shadow:4px 4px 4px 4px rgb(169, 183,  
202) }
```

Background

The CSS property to change the background color of an element to XYZ 43.9563, 46.5663, 62.5486 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 183, 202) }
```

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

```
.background{ background-color: rgb(169,  
183, 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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