

Converting Colors

XYZ(40.4474, 44.4084, 62.8927)

Have a look what the booklet for
XYZ(40.4474, 44.4084, 62.8927)
contains.

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Color

**XYZ(40.4563, 44.4431,
62.9460)**

Conversions

Conversions Part 1

Format	Color
Hex	98B6CB
RGB	152, 182, 203
RGB Percent	60%, 71%, 80%
CMY	0.4039, 0.2863, 0.2039
CMYK	0.25, 0.10, 0.00, 0.20
HSL	205°, 33%, 70%
HSV	205°, 25%, 80%
XYZ	40.4563, 44.4431, 62.9460
YIQ	175.4240, -24.6210, 0.1710

Conversions

Conversions Part 2

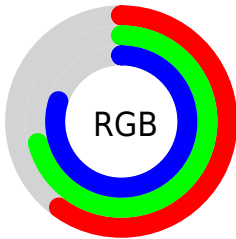
Format	Color
R _Y B	152, 171, 203
Decimal	10008267
CIE Lab	72.52, -5.45, -13.98
CIE LCh	73, 15.008, 248.692
Yxy	44.4431, 0.2736, 0.3006
Android (android.graphics.Color)	4288198347 (0xFF98B6CB)
YUV	175.4240, 13.5950, -20.5428
Hunter-Lab	66.6657, -8.3415, -9.3159

Details

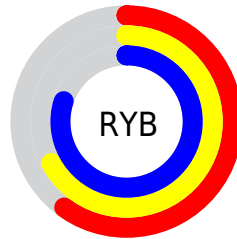
The XYZ color **40.4563, 44.4431, 62.9460** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **45.2401, 44.8507, 35.9794**, and the grayscale version is **40.9091, 43.0396, 46.8701**.

A 20% lighter version of the original color is **74.3567, 81.6345, 106.4458**, and **18.5306, 20.5798, 31.4294** is the 20% darker color. If you saturate the color by 10%, you get **35.3165, 39.3288, 62.2305**, and if you desaturate by 10%, it is **46.3512, 50.1006, 63.7280**.

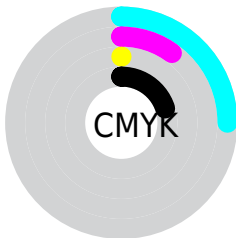
Distribution



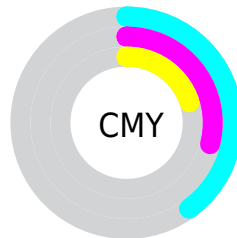
- Red (60%)
- Green (71%)
- Blue (80%)



- Red (60%)
- Yellow (67%)
- Blue (80%)



- Cyan (25%)
- Magenta (10%)
- Yellow (0%)
- Black (20%)



- Cyan (40%)
- Magenta (29%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 40.4563, 44.4431, 62.9460 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 40.4563, 44.4431, 62.9460 by changing the saturation by 10% instead.

■ 40.4563, 44.4431,
62.9460

■ 40.4563, 44.4431,
62.9460

339.1446,
364.5134, 453.4760

■ 28.0803, 31.0190,
45.3568

■ 75.1378, 81.8841,
110.6764

■ 18.5270, 20.6133,
31.3936

■ 98.1740, 106.6698,
141.6547

■ 11.4309, 12.8416,
20.6378

125.4942,
136.0114, 177.9332

■ 6.4269, 7.3196,
12.6708

157.4640,
170.2935, 219.9303

■ 3.1495, 3.6628,
7.0742

194.4485,
209.9003, 268.0646

■ 1.2333, 1.4868,
3.4294

236.8132,

■ 0.1324, 0.2794,

255.2163, 322.7546

1.3179

284.9235,
306.6259, 384.4189

■ 0.0000, 0.0000,
0.0764

■ 0.0000, 0.0000,
0.0000

■ 40.4563, 44.4431,
62.9460

■ 40.4563, 44.4431,
62.9460

■ 35.3165, 39.3288,
62.2305

■ 46.3512, 50.1006,
63.7280

■ 30.8930, 34.7317,
61.5763

■ 53.0297, 56.3151,
64.5756

■ 27.1491, 30.6313,
60.9822

■ 60.5236, 63.1068,
65.4915

■ 24.0434, 27.0036,
60.4456

■ 68.8617, 70.4928,
66.4777

■ 21.5292, 23.8214,
59.9639

■ 78.0712, 78.4895,
67.5358

■ 19.5526, 21.0543,
59.5340

■ 80.9190, 83.3706,
68.3279

■ 18.0484, 18.6654,
59.1522

■ 83.3300, 88.1927,
69.1316

■ 17.4267, 17.6059,
58.9804

■ 85.8545, 93.2416,
69.9730

■ 87.7796, 97.0919,
70.6148

Harmonies

Analogous

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



38.4695, 44.4431, 57.8747



40.4563, 44.4431, 62.9460



42.9996, 44.4431, 63.9185

Triad

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



40.4563, 44.4431, 62.9460



47.3632, 44.4431, 46.2656



39.2018, 44.4431, 38.0821

Complementary

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



40.4563, 44.4431, 62.9460



45.2401, 44.8507, 35.9794

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.



41.4930, 44.4431, 35.6069



40.4563, 44.4431, 62.9460



46.2530, 44.4431, 40.0044

Square

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



40.4563, 44.4431, 62.9460



47.0579, 44.4431, 53.7660



44.0791, 44.4431, 36.2727



37.7661, 44.4431, 43.3867

Rectangle

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



40.4563, 44.4431, 62.9460



44.6804, 44.4431, 62.0247



44.0791, 44.4431, 36.2727



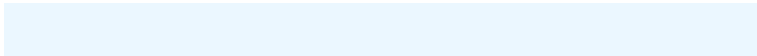
39.8937, 44.4431, 36.9176

Sweetspot

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



40.4577, 44.4449, 62.9470



85.3179, 91.0918, 107.6935



41.7906, 52.3821, 47.1405



17.8912, 19.1540, 23.0041



0.0000, 0.0000, 0.0000



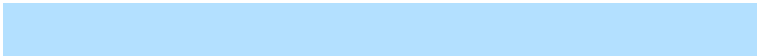
20.3446, 21.4041, 23.3091

Same Dimension

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



40.4577, 44.4449, 62.9470



63.0474, 69.7889, 104.7554



35.8032, 35.1360, 61.3955



11.1410, 11.9224, 14.2844



11.1817, 11.3874, 37.5649



0.6505, 0.7347, 1.9625

Inverse Universe

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



44.3014, 38.5314, 49.3604



70.6473, 58.6550, 77.7663



50.4681, 55.3068, 37.7220



11.4845, 11.3225, 13.0861



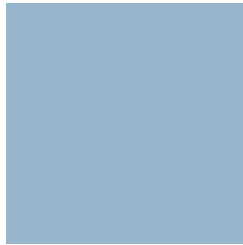
17.8549, 8.9526, 12.2205



0.9583, 0.4767, 0.8262

Previews

White Background



This preview shows how the XYZ color 40.4563, 44.4431, 62.9460 looks on a white background.

Color Contrast Check

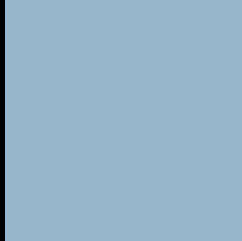
Large Text (above 18pt) WCAG AA × Fail

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 40.4563, 44.4431, 62.9460 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

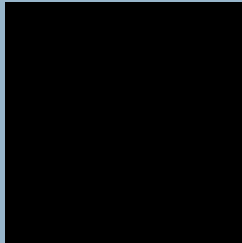
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

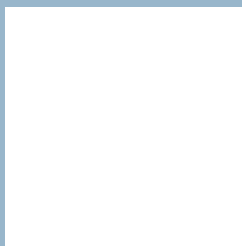
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 40.4563, 44.4431, 62.9460

Background



This preview shows how black text looks on a background with the XYZ color 40.4563, 44.4431, 62.9460.



This preview shows how white text looks on a background with the XYZ color 40.4563, 44.4431,

62.9460.

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

40.4563, 44.4431, 62.9460

Protanopia

43.2897, 44.1729, 60.2774

Deuteranopia

45.2544, 44.2400, 63.9116



Tritanopia

39.8890, 44.5235, 59.9176

Trichromacy



Original Color

40.4563, 44.4431, 62.9460

Protanomaly

42.0716, 44.1179, 60.9418

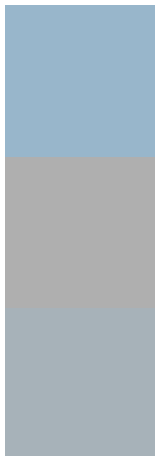
Deuteranomaly

43.2190, 44.0682, 63.3549

Tritanomaly

40.1213, 44.6164, 61.1408

Monochromacy



Original Color

40.4563, 44.4431, 62.9460

Achromatopsia

40.7470, 42.8690, 46.6844

Achromatomaly

40.6137, 43.5591, 52.1661

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.4563, 44.4431, 62.9460 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(152, 182, 203)` looks like.

```
.text, #text, p{  
    color:rgb(152, 182, 203)  
}
```

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(152, 182, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 182, 203) }
```

Border

The CSS property to change the border of an element to XYZ 40.4563, 44.4431, 62.9460 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(152, 182, 203) }
```


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

```
.border{ border-color:rgb(152, 182, 203) }
```

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

Here you see how a box with a 4 pixel rgb(152, 182, 203) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 182, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 182, 203);  
box-shadow:4px 4px 4px 4px rgb(152, 182,  
203) }
```

Background

The CSS property to change the background color of an element to XYZ 40.4563, 44.4431, 62.9460 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 182, 203) }
```

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

```
.background{ background-color: rgb(152,  
182, 203) }
```

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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