

Converting Colors

XYZ(40.2564, 43.7848, 62.5500)

Have a look what the booklet for
XYZ(40.2564, 43.7848, 62.5500)
contains.

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Color

**XYZ(40.2376, 43.7266,
62.8192)**

Conversions

Conversions Part 1

Format	Color
Hex	99B4CB
RGB	153, 180, 203
RGB Percent	60%, 71%, 80%
CMY	0.4000, 0.2941, 0.2039
CMYK	0.25, 0.11, 0.00, 0.20
HSL	208°, 32%, 70%
HSV	208°, 25%, 80%
XYZ	40.2376, 43.7266, 62.8192
YIQ	174.5490, -23.4750, 1.4290

Conversions

Conversions Part 2

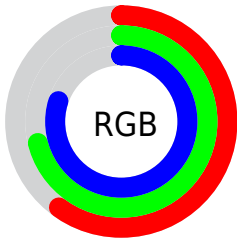
Format	Color
R _{YB}	153, 171, 203
Decimal	10073291
CIE Lab	72.05, -4.07, -14.70
CIE LCh	72, 15.249, 254.515
Yxy	43.7266, 0.2741, 0.2979
Android (android.graphics.Color)	4288263371 (0xFF99B4CB)
YUV	174.5490, 14.0263, -18.8985
Hunter-Lab	66.1261, -7.1038, -10.0367

Details

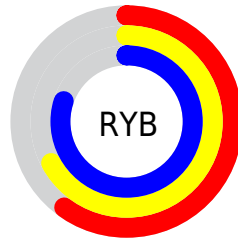
The XYZ color **40.2376, 43.7266, 62.8192** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **45.9042, 46.0473, 36.6066**, and the grayscale version is **40.4543, 42.5611, 46.3490**.

A 20% lighter version of the original color is **74.0579, 80.6208, 106.2658**, and **18.3810, 20.1154, 31.3476** is the 20% darker color. If you saturate the color by 10%, you get **34.9055, 38.2741, 62.0485**, and if you desaturate by 10%, it is **46.3512, 49.7726, 63.6647**.

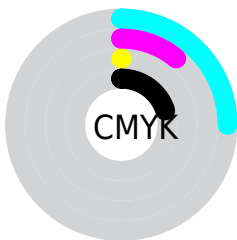
Distribution



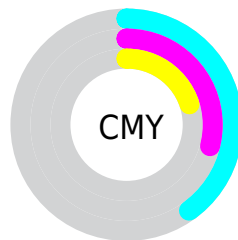
- Red (60%)
- Green (71%)
- Blue (80%)



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



- Cyan (25%)
- Magenta (11%)
- Yellow (0%)
- Black (20%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 40.2376, 43.7266, 62.8192 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 40.2376, 43.7266, 62.8192 by changing the saturation by 10% instead.

■ 40.2376, 43.7266,
62.8192

■ 40.2376, 43.7266,
62.8192

338.2413,
361.5914, 453.0029

■ 27.9089, 30.4556,
45.2549

■ 74.8072, 80.8062,
110.4917

■ 18.3971, 20.1847,
31.3138

■ 97.7788, 105.3836,
141.4370

■ 11.3369, 12.5294,
20.5775

125.0288,
134.4986, 177.6796

■ 6.3628, 7.1053,
12.6273

156.9225,
168.5356, 219.6382

■ 3.1097, 3.5280,
7.0447

193.8252,
207.8790, 267.7313

■ 1.2120, 1.4132,
3.4112

236.1023,

■ 0.1158, 0.2264,

252.9132, 322.3774

1.3082

284.1192,
304.0225, 383.9951

■ 0.0000, 0.0000,
0.0685

■ 0.0000, 0.0000,
0.0000

■ 40.2376, 43.7266,
62.8192

■ 40.2376, 43.7266,
62.8192

■ 34.9055, 38.2741,
62.0485

■ 46.3512, 49.7726,
63.6647

■ 30.3155, 33.3879,
61.3473

■ 53.2753, 56.4276,
64.5843

■ 26.4304, 29.0462,
60.7141

■ 61.0424, 63.7126,
65.5811

■ 23.2080, 25.2233,
60.1460

■ 69.6818, 71.6464,
66.6571

■ 20.6013, 21.8908,
59.6401

■ 79.2214, 80.2464,
67.8143

■ 18.5559, 19.0166,
59.1932

■ 82.0229, 85.5785,
68.6958

■ 17.0064, 16.5625,
58.8011

■ 84.7824, 91.0975,
69.6157

■ 16.3155, 15.3837,
58.6100

■ 87.6846, 96.9017,
70.5830

■ 87.7796, 97.0918,
70.6147

Harmonies

Analogous

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



38.0899, 43.7266, 58.3949



40.2376, 43.7266, 62.8192



42.8291, 43.7266, 62.8948

Triad

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



40.2376, 43.7266, 62.8192



46.6017, 43.7266, 44.1046



38.1465, 43.7266, 38.0954

Complementary

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



40.2376, 43.7266, 62.8192



45.9042, 46.0473, 36.6066

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.



40.3178, 43.7266, 35.0282



40.2376, 43.7266, 62.8192



45.2364, 43.7266, 38.2436

Square

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



40.2376, 43.7266, 62.8192



46.5781, 43.7266, 51.5450



42.9127, 43.7266, 35.0794



36.9175, 43.7266, 43.8821

Rectangle

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



40.2376, 43.7266, 62.8192



44.4646, 43.7266, 60.4383



42.9127, 43.7266, 35.0794



38.7863, 43.7266, 36.7403

Sweetspot

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



40.2389, 43.7284, 62.8202



86.2216, 91.6433, 107.7523



42.2808, 52.5998, 48.7407



18.2991, 19.4665, 23.0429



0.0000, 0.0000, 0.0000



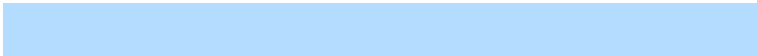
20.3446, 21.4041, 23.3091

Same Dimension

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



40.2389, 43.7284, 62.8202



62.0692, 67.8325, 104.4293



35.7221, 34.6946, 61.3146



11.0952, 11.8308, 14.2692



10.4751, 9.9742, 37.3294



0.6158, 0.6654, 1.9509

Inverse Universe

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



44.2591, 38.7754, 48.3336



70.1536, 58.4575, 75.1663



51.1494, 56.5377, 38.3550



11.4614, 11.3133, 12.9644



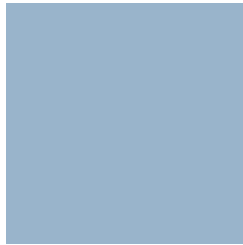
17.4982, 8.8099, 10.3424



0.9408, 0.4697, 0.7340

Previews

White Background



This preview shows how the XYZ color 40.2376, 43.7266, 62.8192 looks on a white background.

Color Contrast Check

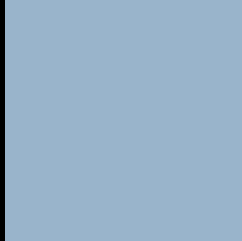
Large Text (above 18pt) WCAG AA × Fail

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 40.2376, 43.7266, 62.8192 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

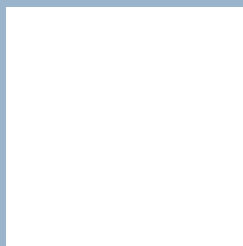
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 40.2376, 43.7266, 62.8192

Background



This preview shows how black text looks on a background with the XYZ color 40.2376, 43.7266, 62.8192.



This preview shows how white text looks on a background with the XYZ color 40.2376, 43.7266,

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

40.2376, 43.7266, 62.8192

Protanopia

42.7686, 43.6007, 60.8052

Deuteranopia

44.5944, 43.6161, 63.8260



Tritanopia

39.4366, 43.7087, 58.5826

Trichromacy



Original Color

40.2376, 43.7266, 62.8192

Protanomaly

41.7818, 43.6607, 61.4836

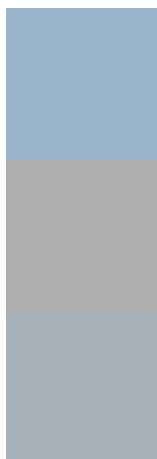
Deuteranomaly

42.8066, 43.5656, 63.2796

Tritanomaly

39.7816, 43.8467, 60.3994

Monochromacy



Original Color

40.2376, 43.7266, 62.8192

Achromatopsia

40.7470, 42.8690, 46.6844

Achromatomaly

40.4154, 43.1626, 52.1000

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.2376, 43.7266, 62.8192 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(153, 180, 203)` looks like.

```
.text, #text, p{  
    color:rgb(153, 180, 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(153, 180, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 180, 203) }
```

Border

The CSS property to change the border of an element to XYZ 40.2376, 43.7266, 62.8192 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(153, 180, 203) }
```


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

```
.border{ border-color:rgb(153, 180, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 180, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 180, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 180, 203);  
box-shadow:4px 4px 4px 4px rgb(153, 180,  
203) }
```

Background

The CSS property to change the background color of an element to XYZ 40.2376, 43.7266, 62.8192 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 180, 203) }
```

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

```
.background{ background-color: rgb(153,  
180, 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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