

Converting Colors

XYZ(43.1856, 48.2683, 64.1674)

Have a look what the booklet for
XYZ(43.1856, 48.2683, 64.1674)
contains.

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Color

**XYZ(43.2172, 48.3546,
64.1823)**

Conversions

Conversions Part 1

Format	Color
Hex	9DBECC
RGB	157, 190, 204
RGB Percent	62%, 75%, 80%
CMY	0.3843, 0.2549, 0.2000
CMYK	0.23, 0.07, 0.00, 0.20
HSL	198°, 32%, 71%
HSV	198°, 23%, 80%
XYZ	43.2172, 48.3546, 64.1823
YIQ	181.7290, -24.1620, -2.6420

Conversions

Conversions Part 2

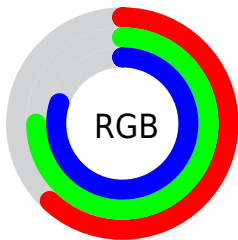
Format	Color
R _{YB}	157, 176, 204
Decimal	10337996
CIE Lab	75.05, -7.97, -10.71
CIE LCh	75, 13.351, 233.367
Yxy	48.3546, 0.2775, 0.3105
Android (android.graphics.Color)	4288528076 (0xFF9DBECC)
YUV	181.7290, 10.9796, -21.6873
Hunter-Lab	69.5375, -10.7537, -6.0478

Details

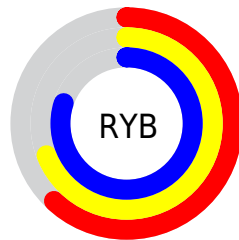
The XYZ color **43.2172, 48.3546, 64.1823** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **45.5512, 44.3979, 38.0684**, and the grayscale version is **44.2688, 46.5742, 50.7194**.

A 20% lighter version of the original color is **78.1571, 87.1286, 107.3059**, and **20.2764, 23.0966, 32.2436** is the 20% darker color. If you saturate the color by 10%, you get **38.2762, 43.8956, 63.5828**, and if you desaturate by 10%, it is **48.8805, 53.2699, 64.8334**.

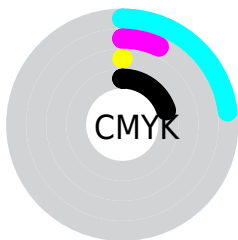
Distribution



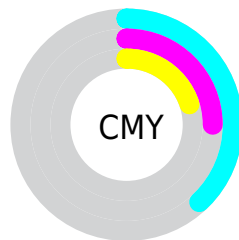
- Red (62%)
- Green (75%)
- Blue (80%)



- Red (62%)
- Yellow (69%)
- Blue (80%)



- Cyan (23%)
- Magenta (7%)
- Yellow (0%)
- Black (20%)



- Cyan (38%)
- Magenta (25%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.2172, 48.3546, 64.1823 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 43.2172, 48.3546, 64.1823 by changing the saturation by 10% instead.

■ 43.2172, 48.3546,
64.1823

■ 43.2172, 48.3546,
64.1823

350.4106,
380.1960, 458.0732

■ 30.2508, 34.1078,
46.3512

■ 79.2922, 87.7321,
112.4754

■ 20.1781, 22.9764,
32.1724

■ 103.1315,
113.6316, 143.7746

■ 12.6336, 14.5761,
21.2273

131.3259,
144.1842, 180.4001

■ 7.2520, 8.5224,
13.0974

164.2406,
179.7741, 222.7706

■ 3.6679, 4.4310,
7.3641

202.2411,
220.7859, 271.3046

■ 1.5160, 1.9175,
3.6090

245.6927,

■ 0.3367, 0.5588,

267.6038, 326.4207

1.4134

294.9608,
320.6124, 388.5374

■ 0.0000, 0.0000,
0.1521

■ 0.0000, 0.0000,
0.0000

■ 43.2172, 48.3546,
64.1823

■ 43.2172, 48.3546,
64.1823

■ 38.2762, 43.8956,
63.5828

■ 48.8805, 53.2699,
64.8334

■ 34.0196, 39.8686,
63.0299

■ 55.2930, 58.6526,
65.5344

■ 30.4123, 36.2558,
62.5227

■ 62.4857, 64.5209,
66.2879

■ 27.4143, 33.0355,
62.0591

■ 70.4863, 70.8900,
67.0956

■ 24.9807, 30.1837,
61.6369

■ 77.8330, 77.0071,
67.8891

■ 23.0602, 27.6727,
61.2535

■ 79.4604, 80.2620,
68.4316

■ 21.5909, 25.4696,
60.9057

■ 81.1464, 83.6341,
68.9936

■ 20.7583, 24.0778,
60.6809

■ 82.8916, 87.1245,
69.5754

■ 84.6966, 90.7345,
70.1770

Harmonies

Analogous

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



41.7868, 48.3546, 58.1595



43.2172, 48.3546, 64.1823



45.4199, 48.3546, 67.1524

Triad

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



43.2172, 48.3546, 64.1823



50.7780, 48.3546, 54.2170



44.1243, 48.3546, 41.2560

Complementary

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



43.2172, 48.3546, 64.1823



45.5512, 44.3979, 38.0684

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.



46.5036, 48.3546, 40.4020



43.2172, 48.3546, 64.1823



50.4013, 48.3546, 47.4998

Square

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



43.2172, 48.3546, 64.1823



49.8273, 48.3546, 61.0792



48.8156, 48.3546, 42.5890



42.2974, 48.3546, 45.0342

Rectangle

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



43.2172, 48.3546, 64.1823



47.0525, 48.3546, 66.8307



48.8156, 48.3546, 42.5890



44.8837, 48.3546, 40.6320

Sweetspot

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



43.2186, 48.3566, 64.1834



87.1126, 93.4252, 108.0493



42.7842, 53.2691, 46.2156



18.5056, 19.8795, 23.1117



0.0000, 0.0000, 0.0000



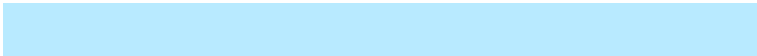
20.3446, 21.4041, 23.3091

Same Dimension

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



43.2186, 48.3566, 64.1834



67.0689, 76.0558, 105.7531



38.6572, 39.2336, 62.6629



11.2502, 12.1408, 14.3208



13.1498, 15.3236, 38.2210



0.7426, 0.9189, 1.9932

Inverse Universe

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



46.2543, 40.6703, 54.1296



73.1107, 61.3003, 85.6212



50.2396, 53.7747, 39.6312



11.5397, 11.3446, 13.3764



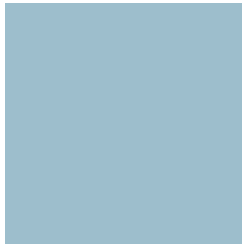
18.8483, 9.3499, 17.4518



1.0048, 0.4953, 1.0710

Previews

White Background



This preview shows how the XYZ color 43.2172, 48.3546, 64.1823 looks on a white background.

Color Contrast Check

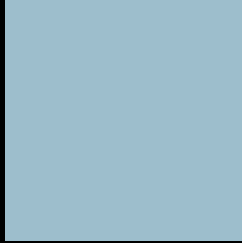
Large Text (above 18pt) WCAG AA × Fail

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 43.2172, 48.3546, 64.1823 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

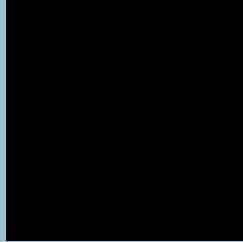
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

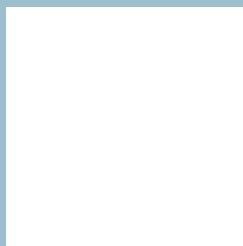
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 43.2172, 48.3546, 64.1823

Background



This preview shows how black text looks on a background with the XYZ color 43.2172, 48.3546, 64.1823.



This preview shows how white text looks on a background with the XYZ color 43.2172, 48.3546,

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

43.2172, 48.3546, 64.1823

Protanopia

46.8873, 48.1044, 61.4574

Deuteranopia

48.9989, 47.9029, 65.0562



Tritanopia

43.3375, 48.4028, 64.8161

Trichromacy



Original Color

43.2172, 48.3546, 64.1823

Protanomaly

45.5571, 48.3335, 62.1865

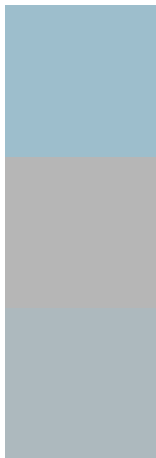
Deuteranomaly

46.5433, 47.8585, 64.5421

Tritanomaly

43.3375, 48.4028, 64.8161

Monochromacy



Original Color

43.2172, 48.3546, 64.1823

Achromatopsia

44.4628, 46.7784, 50.9417

Achromatomaly

43.8768, 47.2999, 55.5324

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.2172, 48.3546, 64.1823 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(157, 190, 204)` looks like.

```
.text, #text, p{  
    color:rgb(157, 190, 204)  
}
```

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(157, 190, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 190, 204) }
```

Border

The CSS property to change the border of an element to XYZ 43.2172, 48.3546, 64.1823 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(157, 190, 204) }
```


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

```
.border{ border-color:rgb(157, 190, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 190, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 190, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 190, 204);  
box-shadow:4px 4px 4px 4px rgb(157, 190,  
204) }
```

Background

The CSS property to change the background color of an element to XYZ 43.2172, 48.3546, 64.1823 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 190, 204) }
```

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

```
.background{ background-color: rgb(157,  
190, 204) }
```

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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