

Converting Colors

XYZ(43.6427, 48.8337, 52.4730)

Have a look what the booklet for
XYZ(43.6427, 48.8337, 52.4730)
contains.

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Color

**XYZ(43.6427, 48.8337,
52.4730)**

Conversions

Conversions Part 1

Format	Color
Hex	AABEB8
RGB	170, 190, 184
RGB Percent	67%, 75%, 72%
CMY	0.3333, 0.2549, 0.2784
CMYK	0.11, 0.00, 0.03, 0.25
HSL	162°, 13%, 71%
HSV	162°, 11%, 75%
XYZ	43.6427, 48.8337, 52.4730
YIQ	183.3360, -9.9940, -6.1060

Conversions

Conversions Part 2

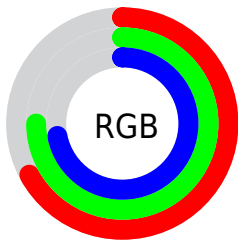
Format	Color
RYB	170, 182, 190
Decimal	11189944
CIELab	75.35, -8.00, 0.69
CIElCh	75, 8.030, 175.051
Yxy	48.8337, 0.3011, 0.3369
Android (android.graphics.Color)	4289380024 (0xFFAABEB8)
YUV	183.3360, 0.3274, -11.6957
Hunter-Lab	69.8811, -10.8137, 4.3965

Details

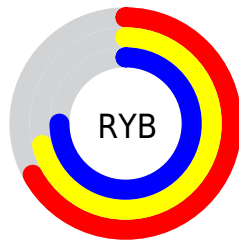
The XYZ color **43.6427, 48.8337, 52.4730** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **43.4481, 42.8323, 47.0540**, and the grayscale version is **45.1975, 47.5513, 51.7834**.

A 20% lighter version of the original color is **79.7353, 88.2104, 95.2619**, and **20.5136, 23.3816, 24.9046** is the 20% darker color. If you saturate the color by 10%, you get **39.2430, 46.6346, 49.2102**, and if you desaturate by 10%, it is **48.6629, 51.3526, 55.8927**.

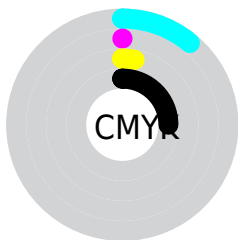
Distribution



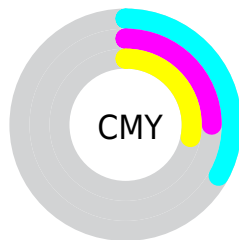
- Red (67%)
- Green (75%)
- Blue (72%)



- Red (67%)
- Yellow (71%)
- Blue (75%)



- Cyan (11%)
- Magenta (0%)
- Yellow (3%)
- Black (25%)




- Cyan (33%)
- Magenta (25%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.6427, 48.8337, 52.4730 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 43.6427, 48.8337, 52.4730 by changing the saturation by 10% instead.


 43.6427, 48.8337,
52.4730

 43.6427, 48.8337,
52.4730


352.1251,
382.0873, 413.2687

 30.5864, 34.4876,
36.9974

 79.9295, 88.4444,
95.2621

 20.4344, 23.2684,
24.9097


103.8907,
114.4778, 123.4127

 12.8213, 14.7918,
15.7914


132.2177,
145.1757, 156.6254

 7.3818, 8.6734,
9.2239

165.2756,
180.9226, 195.3187

 3.7504, 4.5288,
4.7887

203.4300,
222.1028, 239.9111

 1.5619, 1.9735,
2.0673

247.0461,

 0.3674, 0.5920,

269.1007, 290.8212

0.5962

296.4894,
322.3007, 348.4676

■ 0.0000, 0.0000,
0.0000

■ 43.6427, 48.8337,
52.4730

■ 43.6427, 48.8337,
52.4730

■ 39.2430, 46.6346,
49.2102

■ 48.6629, 51.3526,
55.8927

■ 35.4340, 44.7359,
46.0984

■ 54.3237, 54.1975,
59.4685

■ 32.1898, 43.1257,
43.1358

■ 60.6490, 57.3823,
63.2042

■ 29.4805, 41.7885,
40.3196

■ 67.6607, 60.9179,
67.1019

■ 27.2737, 40.7077,
37.6467

■ 71.6028, 62.8682,
70.9875

■ 25.5332, 39.8647,
35.1138

■ 72.3374, 63.1620,
74.8556

■ 24.2179, 39.2384,
32.7175

■ 73.0976, 63.4661,
78.8591

■ 23.2791, 38.8035,
30.4537

■ 73.8838, 63.7806,
82.9991

■ 22.6469, 38.5218,
28.4260

■ 74.6962, 64.1056,
87.2771

Harmonies

Analogous

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



44.1259, 48.8337, 48.6471



43.6427, 48.8337, 52.4730



43.8894, 48.8337, 56.6904

Triad

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



43.6427, 48.8337, 52.4730



47.6279, 48.8337, 60.8855



48.0609, 48.8337, 46.7797

Complementary

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



43.6427, 48.8337, 52.4730



43.4481, 42.8323, 47.0540

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.



49.0356, 48.8337, 49.8015



43.6427, 48.8337, 52.4730



48.7819, 48.8337, 57.9682

Square

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



43.6427, 48.8337, 52.4730



46.1704, 48.8337, 61.6933



49.3022, 48.8337, 53.8764



46.6604, 48.8337, 45.4732

Rectangle

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



43.6427, 48.8337, 52.4730



44.4374, 48.8337, 59.1381



49.3022, 48.8337, 53.8764



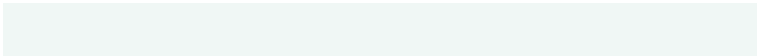
48.4504, 48.8337, 47.6205

Sweetspot

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



43.6441, 48.8358, 52.4741



85.7794, 91.8488, 99.6923



43.6507, 49.0004, 45.1881



18.6698, 20.0856, 21.7799



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



43.6441, 48.8358, 52.4741



76.8379, 87.3678, 93.4718



43.5026, 47.5241, 55.5980



9.6833, 10.7594, 11.5816



15.0941, 25.6279, 19.0901



0.6189, 1.0149, 0.8932

Inverse Universe

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



43.4481, 42.8323, 47.0540



76.4007, 73.9656, 81.3731



43.5642, 43.9942, 44.2264



9.6448, 9.5822, 10.5188



14.6424, 7.4881, 3.4104



0.6034, 0.3053, 0.2908

Previews

White Background



This preview shows how the XYZ color 43.6427, 48.8337, 52.4730 looks on a white background.

Color Contrast Check

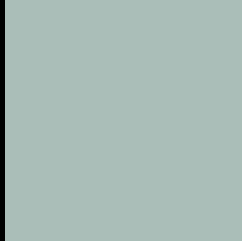
Large Text (above 18pt) WCAG AA × Fail

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 43.6427, 48.8337, 52.4730 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

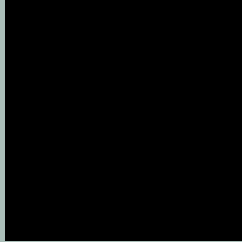
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.6427, 48.8337, 52.4730

Background



This preview shows how black text looks on a background with the XYZ color 43.6427, 48.8337, 52.4730.



This preview shows how white text looks on a background with the XYZ color 43.6427, 48.8337,

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

43.6427, 48.8337, 52.4730

Protanopia

46.7162, 48.5643, 50.6277

Deuteranopia

49.6116, 48.4819, 53.1975



Tritanopia

45.6646, 48.6892, 62.8683

Trichromacy



Original Color

43.6427, 48.8337, 52.4730

Protanomaly

45.5308, 48.5625, 51.2297

Deuteranomaly

47.1763, 48.4461, 52.7635

Tritanomaly

44.8468, 48.6772, 58.6617

Monochromacy



Original Color

43.6427, 48.8337, 52.4730

Achromatopsia

45.0092, 47.3531, 51.5676

Achromatomaly

44.4662, 48.0017, 51.7214

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.6427, 48.8337, 52.4730 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(170, 190, 184)` looks like.

```
.text, #text, p{  
    color:rgb(170, 190, 184)  
}
```

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(170, 190, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 190, 184) }
```

Border

The CSS property to change the border of an element to XYZ 43.6427, 48.8337, 52.4730 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(170, 190, 184) }
```


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

```
.border{ border-color:rgb(170, 190, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 190, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 190, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 190, 184);  
box-shadow:4px 4px 4px 4px rgb(170, 190,  
184) }
```

Background

The CSS property to change the background color of an element to XYZ 43.6427, 48.8337, 52.4730 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 190, 184) }
```

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

```
.background{ background-color: rgb(170,  
190, 184) }
```

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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