

Converting Colors

XYZ(43.5696, 47.2471, 61.9716)

Have a look what the booklet for
XYZ(43.5696, 47.2471, 61.9716)
contains.

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Color

**XYZ(43.6186, 47.3342,
62.0958)**

Conversions

Conversions Part 1

Format	Color
Hex	A5BAC9
RGB	165, 186, 201
RGB Percent	65%, 73%, 79%
CMY	0.3529, 0.2706, 0.2118
CMYK	0.18, 0.07, 0.00, 0.21
HSL	205°, 25%, 72%
HSV	205°, 18%, 79%
XYZ	43.6186, 47.3342, 62.0958
YIQ	181.4310, -17.3310, 0.2130

Conversions

Conversions Part 2

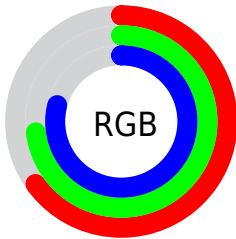
Format	Color
R_{YB}	165, 178, 201
Decimal	10861257
CIE _{Lab}	74.40, -4.00, -9.99
CIE _{LCh}	74, 10.759, 248.178
Yxy	47.3342, 0.2850, 0.3093
Android (android.graphics.Color)	4289051337 (0xFFA5BAC9)
YUV	181.4310, 9.6475, -14.4100
Hunter-Lab	68.7999, -7.2321, -5.3527

Details

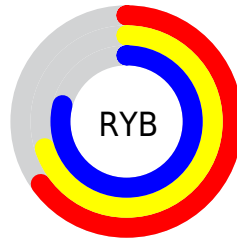
The XYZ color **43.6186, 47.3342, 62.0958** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **47.2006, 47.7767, 42.3325**, and the grayscale version is **44.1115, 46.4088, 50.5391**.

A 20% lighter version of the original color is **79.3173, 85.9399, 107.0153**, and **20.4640, 22.3924, 30.8473** is the 20% darker color. If you saturate the color by 10%, you get **38.0495, 41.9218, 61.3454**, and if you desaturate by 10%, it is **49.9510, 53.2960, 62.9136**.

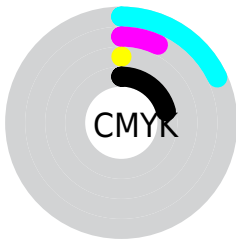
Distribution



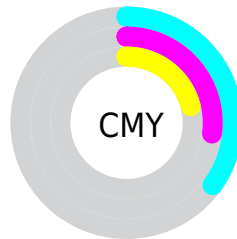
- Red (65%)
- Green (73%)
- Blue (79%)



- Red (65%)
- Yellow (70%)
- Blue (79%)



- Cyan (18%)
- Magenta (7%)
- Yellow (0%)
- Black (21%)



- Cyan (35%)
- Magenta (27%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.6186, 47.3342, 62.0958 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 43.6186, 47.3342, 62.0958 by changing the saturation by 10% instead.

■ 43.6186, 47.3342,
62.0958

■ 43.6186, 47.3342,
62.0958

352.0282,
376.1469, 450.2977

■ 30.5674, 33.2999,
44.6738

■ 79.8934, 86.2123,
109.4369

■ 20.4199, 22.3563,
30.8595

■ 103.8478,
111.8248, 140.1931

■ 12.8106, 14.1189,
20.2343

132.1672,
142.0657, 176.2312

■ 7.3744, 8.2034,
12.3797

165.2171,
177.3191, 217.9696

■ 3.7457, 4.2254,
6.8772

203.3628,
217.9695, 265.8269

■ 1.5593, 1.8004,
3.3081

246.9696,

■ 0.3657, 0.4874,

264.4014, 320.2217

1.2540

296.4029,
316.9991, 381.5725

■ 0.0000, 0.0000,
0.0237

■ 0.0000, 0.0000,
0.0000

■ 43.6186, 47.3342,
62.0958

■ 43.6186, 47.3342,
62.0958

■ 38.0495, 41.9218,
61.3454

■ 49.9510, 53.2960,
62.9136

■ 33.2070, 37.0336,
60.6571

■ 57.0728, 59.8196,
63.7974

■ 29.0579, 32.6511,
60.0299

■ 65.0139, 66.9241,
64.7501

■ 25.5640, 28.7518,
59.4614

■ 73.8015, 74.6259,
65.7736

■ 22.6836, 25.3115,
58.9491

■ 79.4912, 80.8939,
66.6836

■ 20.3694, 22.3027,
58.4904

■ 81.8492, 85.6101,
67.4696

■ 18.5662, 19.6941,
58.0819

■ 84.3204, 90.5524,
68.2933

■ 17.1938, 17.4411,
57.7194

■ 86.9062, 95.7239,
69.1552

■ 16.9348, 17.0012,
57.6481

■ 87.5428, 96.9971,
69.3674

Harmonies

Analogous

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



42.1233, 47.3342, 58.4216



43.6186, 47.3342, 62.0958



45.5220, 47.3342, 62.8418

Triad

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



43.6186, 47.3342, 62.0958



48.7803, 47.3342, 50.0355



42.7253, 47.3342, 43.5959

Complementary

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



43.6186, 47.3342, 62.0958



47.2006, 47.7767, 42.3325

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.



44.4617, 47.3342, 41.6797



43.6186, 47.3342, 62.0958



47.9834, 47.3342, 45.2192

Square

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



43.6186, 47.3342, 62.0958



48.5389, 47.3342, 55.6090



46.3893, 47.3342, 42.2519



41.6179, 47.3342, 47.6724

Rectangle

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



43.6186, 47.3342, 62.0958



46.7726, 47.3342, 61.5312



46.3893, 47.3342, 42.2519



43.2527, 47.3342, 42.6916

Sweetspot

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



43.6200, 47.3361, 62.0969



88.8427, 94.3192, 108.1307



44.5818, 53.0444, 50.7501



18.8353, 20.0216, 23.1218



0.0000, 0.0000, 0.0000



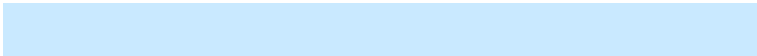
20.3446, 21.4041, 23.3091

Same Dimension

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



43.6200, 47.3361, 62.0969



71.3100, 77.8029, 105.8668



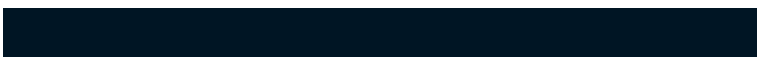
40.1743, 40.4448, 60.9483



10.5621, 11.2982, 13.5416



10.7400, 10.8739, 36.2772



0.5789, 0.6556, 1.7412

Inverse Universe

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



46.4066, 42.8741, 52.2862



76.8956, 69.1090, 86.1460



50.9370, 55.2494, 43.5779



10.8890, 10.7390, 12.3987



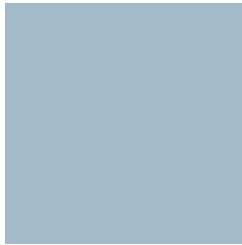
17.2204, 8.6377, 11.6363



0.8509, 0.4232, 0.7379

Previews

White Background



This preview shows how the XYZ color 43.6186, 47.3342, 62.0958 looks on a white background.

Color Contrast Check

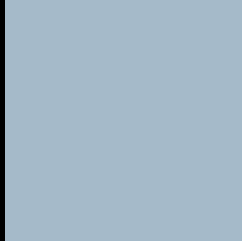
Large Text (above 18pt) WCAG AA × Fail

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 43.6186, 47.3342, 62.0958 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

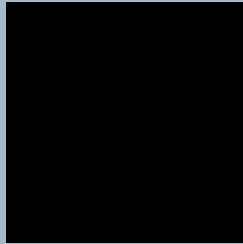
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

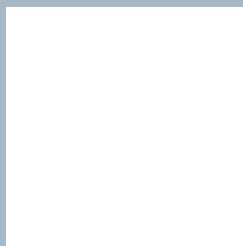
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 43.6186, 47.3342, 62.0958

Background



This preview shows how black text looks on a background with the XYZ color 43.6186, 47.3342, 62.0958.



This preview shows how white text looks on a background with the XYZ color 43.6186, 47.3342,

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

43.6186, 47.3342, 62.0958

Protanopia

45.9770, 47.3569, 60.1436

Deuteranopia

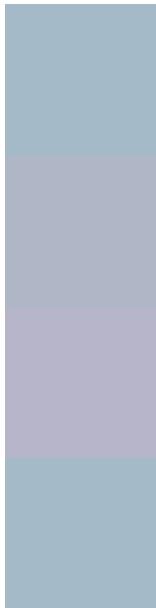
48.1857, 47.2290, 63.0763



Tritanopia

43.6186, 47.3342, 62.0958

Trichromacy



Original Color

43.6186, 47.3342, 62.0958

Protanomaly

44.9215, 47.1045, 60.7573

Deuteranomaly

46.4759, 47.2571, 62.5491

Tritanomaly

43.6186, 47.3342, 62.0958

Monochromacy



Original Color

43.6186, 47.3342, 62.0958

Achromatopsia

43.9204, 46.2077, 50.3202

Achromatomaly

43.6898, 46.6118, 54.2712

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.6186, 47.3342, 62.0958 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(165, 186, 201)` looks like.

```
.text, #text, p{  
    color:rgb(165, 186, 201)  
}
```

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(165, 186, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 186, 201) }
```

Border

The CSS property to change the border of an element to XYZ 43.6186, 47.3342, 62.0958 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(165, 186, 201) }
```


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

```
.border{ border-color:rgb(165, 186, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 186, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 186, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 186, 201);  
box-shadow:4px 4px 4px 4px rgb(165, 186,  
201) }
```

Background

The CSS property to change the background color of an element to XYZ 43.6186, 47.3342, 62.0958 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 186, 201) }
```

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

```
.background{ background-color: rgb(165,  
186, 201) }
```

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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