

Converting Colors

XYZ(42.1848, 46.6689, 52.8686)

Have a look what the booklet for
XYZ(42.1848, 46.6689, 52.8686)
contains.

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Color

**XYZ(42.2522, 46.8361,
52.7123)**

Conversions

Conversions Part 1

Format	Color
Hex	A7BAB9
RGB	167, 186, 185
RGB Percent	65%, 73%, 73%
CMY	0.3451, 0.2706, 0.2745
CMYK	0.10, 0.00, 0.01, 0.27
HSL	177°, 12%, 69%
HSV	177°, 10%, 73%
XYZ	42.2522, 46.8361, 52.7123
YIQ	180.2050, -11.0030, -4.3390

Conversions

Conversions Part 2

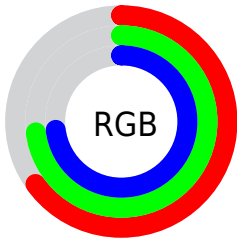
Format	Color
RYB	167, 177, 186
Decimal	10992313
CIELab	74.08, -6.70, -1.72
CIElCh	74, 6.916, 194.424
Yxy	46.8361, 0.2980, 0.3303
Android (android.graphics.Color)	4289182393 (0xFFA7BAB9)
YUV	180.2050, 2.3639, -11.5808
Hunter-Lab	68.4369, -9.5606, 2.2388

Details

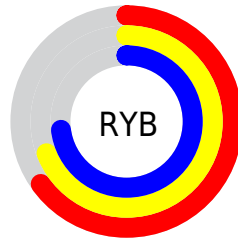
The XYZ color **42.2522, 46.8361, 52.7123** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **41.1380, 40.9049, 42.7751**, and the grayscale version is **43.4855, 45.7502, 49.8219**.

A 20% lighter version of the original color is **77.7535, 85.3847, 95.6019**, and **19.6226, 22.0858, 25.0586** is the 20% darker color. If you saturate the color by 10%, you get **38.4990, 44.9145, 51.9985**, and if you desaturate by 10%, it is **46.5740, 49.0533, 53.4584**.

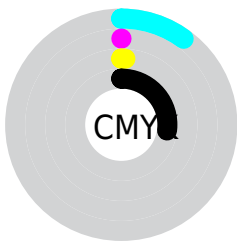
Distribution



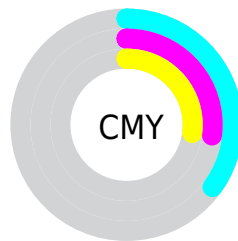
- Red (65%)
- Green (73%)
- Blue (73%)



- Red (65%)
- Yellow (69%)
- Blue (73%)



- Cyan (10%)
- Magenta (0%)
- Yellow (1%)
- Black (27%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.2522, 46.8361, 52.7123 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 42.2522, 46.8361, 52.7123 by changing the saturation by 10% instead.

■ 42.2522, 46.8361,
52.7123

■ 42.2522, 46.8361,
52.7123

346.5012,
374.1599, 414.2153

■ 29.4908, 32.9061,
37.1870

■ 77.8439, 85.4689,
95.6181

■ 19.5986, 22.0545,
25.0554

■ 101.4050,
110.9405, 123.8358

■ 12.2101, 13.8970,
15.8989

129.2966,
141.0281, 157.1212

■ 6.9602, 8.0490,
9.2991

161.8842,
176.1161, 195.8931

■ 3.4833, 4.1263,
4.8373

199.5331,
216.5889, 240.5699

■ 1.4142, 1.7445,
2.0951

242.6087,

■ 0.2663, 0.4522,

262.8309, 291.5702

0.6128

291.4763,
315.2264, 349.3125

■ 0.0000, 0.0000,
0.0000

■ 42.2522, 46.8361,
52.7123

■ 42.2522, 46.8361,
52.7123

■ 38.4990, 44.9145,
51.9985

■ 46.5740, 49.0533,
53.4584

■ 35.2864, 43.2701,
51.3127

■ 51.4830, 51.5719,
54.2348

■ 32.5899, 41.8918,
50.6549

■ 57.0018, 54.4048,
55.0434

■ 30.3818, 40.7652,
50.0235

■ 63.1507, 57.5624,
55.8853

■ 28.6315, 39.8745,
49.4174

■ 68.0842, 60.0933,
56.6741

■ 27.3053, 39.2023,
48.8347

■ 68.1918, 60.1364,
57.2408

■ 26.3645, 38.7288,
48.2738

■ 68.3001, 60.1797,
57.8113

■ 25.7636, 38.4303,
47.7325

■ 68.4092, 60.2233,
58.3856

■ 25.4149, 38.2616,
47.2176

■ 68.5190, 60.2673,
58.9638

Harmonies

Analogous

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



42.2642, 46.8361, 49.1892



42.2522, 46.8361, 52.7123



42.8391, 46.8361, 55.9149

Triad

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



42.2522, 46.8361, 52.7123



46.2021, 46.8361, 56.0180



45.1581, 46.8361, 44.7120

Complementary

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



42.2522, 46.8361, 52.7123



41.1380, 40.9049, 42.7751

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.



46.2367, 46.8361, 46.3754



42.2522, 46.8361, 52.7123



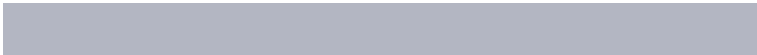
46.8471, 46.8361, 52.8477

Square

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



42.2522, 46.8361, 52.7123



45.1114, 46.8361, 57.8825



46.8599, 46.8361, 49.3184



43.9264, 46.8361, 44.6796

Rectangle

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



42.2522, 46.8361, 52.7123



43.4973, 46.8361, 57.3913



46.8599, 46.8361, 49.3184



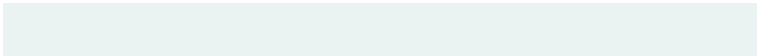
45.5511, 46.8361, 45.0954

Sweetspot

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



42.2535, 46.8381, 52.7133



82.0887, 87.7152, 96.5035



40.7406, 46.2640, 43.3425



17.9344, 19.2431, 21.2274



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



42.2535, 46.8381, 52.7133



75.1542, 84.1602, 95.2802



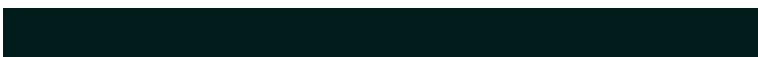
40.6746, 43.5102, 52.7112



9.2457, 10.2022, 11.4510



17.1064, 25.7435, 31.8117



0.6093, 0.9100, 1.1545

Inverse Universe

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



41.1380, 40.9049, 42.7751



72.7724, 71.4922, 74.0614



42.6018, 43.9816, 42.8038



9.0233, 9.0197, 9.4702



13.6683, 7.0411, 0.8744



0.4884, 0.2508, 0.0652

Previews

White Background



This preview shows how the XYZ color 42.2522, 46.8361, 52.7123 looks on a white background.

Color Contrast Check

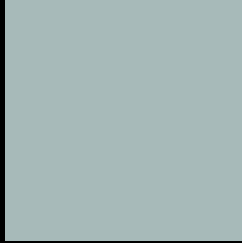
Large Text (above 18pt) WCAG AA × Fail

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 42.2522, 46.8361, 52.7123 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

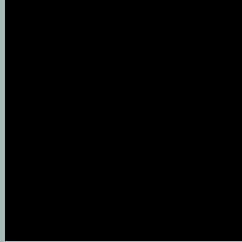
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 42.2522, 46.8361, 52.7123

Background



This preview shows how black text looks on a background with the XYZ color 42.2522, 46.8361, 52.7123.



This preview shows how white text looks on a background with the XYZ color 42.2522, 46.8361,

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

42.2522, 46.8361, 52.7123

Protanopia

44.9750, 46.7394, 50.9071

Deuteranopia

47.5209, 46.5088, 53.4862



Tritanopia

43.8115, 46.8395, 60.7646

Trichromacy



Original Color

42.2522, 46.8361, 52.7123

Protanomaly

43.8408, 46.7508, 51.5129

Deuteranomaly

45.4339, 46.6268, 53.0596

Tritanomaly

43.2350, 46.9178, 57.8162

Monochromacy



Original Color

42.2522, 46.8361, 52.7123

Achromatopsia

43.3819, 45.6411, 49.7032

Achromatomaly

42.8506, 45.9473, 50.8662

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.2522, 46.8361, 52.7123 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(167, 186, 185)` looks like.

```
.text, #text, p{  
    color:rgb(167, 186, 185)  
}
```

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(167, 186, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 186, 185) }
```

Border

The CSS property to change the border of an element to XYZ 42.2522, 46.8361, 52.7123 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(167, 186, 185) }
```


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

```
.border{ border-color:rgb(167, 186, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 186, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 186, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 186, 185);  
box-shadow:4px 4px 4px 4px rgb(167, 186,  
185) }
```

Background

The CSS property to change the background color of an element to XYZ 42.2522, 46.8361, 52.7123 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 186, 185) }
```

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

```
.background{ background-color: rgb(167,  
186, 185) }
```

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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