

Converting Colors

XYZ(42.2928, 43.9915, 61.6529)

Have a look what the booklet for
XYZ(42.2928, 43.9915, 61.6529)
contains.

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Color

**XYZ(42.2011, 43.8768,
61.5032)**

Conversions

Conversions Part 1

Format	Color
Hex	A7B1C9
RGB	167, 177, 201
RGB Percent	65%, 69%, 79%
CMY	0.3451, 0.3059, 0.2118
CMYK	0.17, 0.12, 0.00, 0.21
HSL	222°, 24%, 72%
HSV	222°, 17%, 79%
XYZ	42.2011, 43.8768, 61.5032
YIQ	176.7460, -13.6640, 5.3440

Conversions

Conversions Part 2

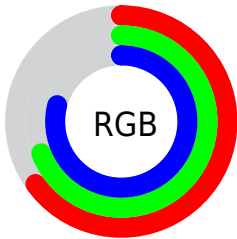
Format	Color
R_{YB}	167, 175, 201
Decimal	10990025
CIE Lab	72.15, 1.50, -13.35
CIE LCh	72, 13.435, 276.431
Yxy	43.8768, 0.2860, 0.2973
Android (android.graphics.Color)	4289180105 (0xFFA7B1C9)
YUV	176.7460, 11.9572, -8.5472
Hunter-Lab	66.2396, -2.1972, -8.6829

Details

The XYZ color **42.2011, 43.8768, 61.5032** is a light color, and the websafe version is hex **999999**. A complement of this color would be **49.6936, 52.4691, 44.0686**, and the grayscale version is **41.6022, 43.7688, 47.6642**.

A 20% lighter version of the original color is **77.3131, 81.0274, 106.1728**, and **19.6703, 20.4187, 30.5082** is the 20% darker color. If you saturate the color by 10%, you get **35.6225, 36.5404, 60.4346**, and if you desaturate by 10%, it is **49.7337, 52.1397, 62.7018**.

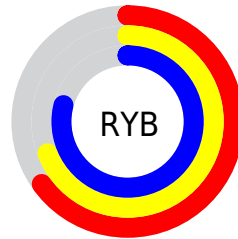
Distribution



Red (65%)

Green (69%)

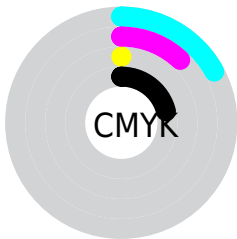
Blue (79%)



Red (65%)

Yellow (69%)

Blue (79%)

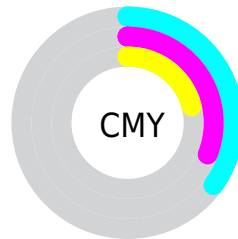


Cyan (17%)

Magenta (12%)

Yellow (0%)

Black (21%)



Cyan (35%)

Magenta (31%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.2011, 43.8768, 61.5032 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 42.2011, 43.8768, 61.5032 by changing the saturation by 10% instead.

■ 42.2011, 43.8768,
61.5032

■ 42.2011, 43.8768,
61.5032

346.2934,
362.2053, 448.0741

■ 29.4506, 30.5737,
44.1982

■ 77.7671, 81.0323,
108.5718

■ 19.5679, 20.2744,
30.4880

■ 101.3134,
105.6535, 139.1725

■ 12.1878, 12.5947,
19.9541

129.1889,
134.8162, 175.0422

■ 6.9448, 7.1500,
12.1779

161.7591,
168.9047, 216.5994

■ 3.4736, 3.5561,
6.7410

199.3893,
208.3035, 264.2626

■ 1.4089, 1.4285,
3.2247

242.4448,

■ 0.2626, 0.2376,

253.3969, 318.4505

1.2105

291.2910,
304.5694, 379.5815

■ 0.0000, 0.0000,
0.0000

■ 42.2011, 43.8768,
61.5032

■ 42.2011, 43.8768,
61.5032

■ 35.6225, 36.5404,
60.4346

■ 49.7337, 52.1397,
62.7018

■ 29.9546, 30.0918,
59.4886

■ 58.2533, 61.3554,
64.0316

■ 25.1567, 24.4972,
58.6616

■ 67.7960, 71.5556,
65.4975

■ 21.1834, 19.7187,
57.9487

■ 78.3950, 82.7692,
67.1033

■ 17.9845, 15.7150,
57.3445

■ 85.3315, 92.5746,
68.6303

■ 15.5045, 12.4410,
56.8433

■ 87.5428, 96.9971,
69.3674

■ 13.6792, 9.8461,
56.4386

■ 12.4261, 7.8686,
56.1229

■ 12.1134, 7.3584,
56.0409

Harmonies

Analogous

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



39.9595, 43.8768, 60.3540



42.2011, 43.8768, 61.5032



44.3864, 43.8768, 58.7106

Triad

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



42.2011, 43.8768, 61.5032



45.3653, 43.8768, 40.6382



37.7786, 43.8768, 42.8852

Complementary

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



42.2011, 43.8768, 61.5032



49.6936, 52.4691, 44.0686

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.



39.1311, 43.8768, 38.2882



42.2011, 43.8768, 61.5032



43.4977, 43.8768, 37.0767

Square

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



42.2011, 43.8768, 61.5032



46.2561, 43.8768, 46.3692



41.2100, 43.8768, 36.2576



37.4600, 43.8768, 49.2077

Rectangle

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



42.2011, 43.8768, 61.5032



45.4995, 43.8768, 55.1282



41.2100, 43.8768, 36.2576



38.1249, 43.8768, 41.1055

Sweetspot

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



42.2024, 43.8786, 61.5042



87.7098, 92.0535, 107.7530



46.2058, 53.7424, 57.1137



18.5603, 19.4715, 23.0301



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.



42.2024, 43.8786, 61.5042



68.2842, 70.7220, 104.6595



41.7733, 40.8312, 60.9386



10.3067, 10.7875, 13.4565



7.6862, 4.7662, 35.2592



0.4279, 0.3536, 1.6908

Inverse Universe

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



45.8430, 43.2303, 47.5251



75.6195, 69.5604, 76.4609



50.1620, 56.0599, 44.7370



10.7601, 10.6874, 11.7199



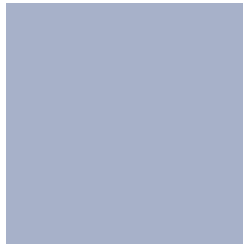
15.6790, 8.0211, 3.5192



0.7747, 0.3927, 0.3367

Previews

White Background



This preview shows how the XYZ color 42.2011, 43.8768, 61.5032 looks on a white background.

Color Contrast Check

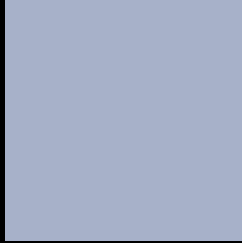
Large Text (above 18pt) WCAG AA × Fail

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 42.2011, 43.8768, 61.5032 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

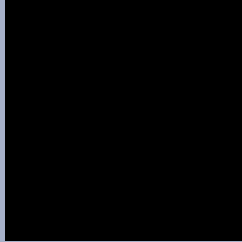
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 42.2011, 43.8768, 61.5032

Background



This preview shows how black text looks on a background with the XYZ color 42.2011, 43.8768, 61.5032.



This preview shows how white text looks on a background with the XYZ color 42.2011, 43.8768,

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

42.2011, 43.8768, 61.5032

Protanopia

42.9889, 43.7143, 60.8155

Deuteranopia

44.7046, 43.7144, 61.9587



Tritanopia

41.0631, 43.6904, 56.7209

Trichromacy



Original Color

42.2011, 43.8768, 61.5032

Protanomaly

42.7452, 43.8787, 60.8601

Deuteranomaly

43.9282, 43.8835, 62.0322

Tritanomaly

41.6101, 43.9333, 58.5114

Monochromacy



Original Color

42.2011, 43.8768, 61.5032

Achromatopsia

41.7894, 43.9657, 47.8787

Achromatomaly

41.8186, 43.8737, 52.7188

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.2011, 43.8768, 61.5032 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, 177, 201)` looks like.

```
.text, #text, p{  
    color:rgb(167, 177, 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(167, 177, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 177, 201) }
```

Border

The CSS property to change the border of an element to XYZ 42.2011, 43.8768, 61.5032 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, 177, 201) }
```


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

```
.border{ border-color:rgb(167, 177, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 177, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 177, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 177, 201);  
box-shadow:4px 4px 4px 4px rgb(167, 177,  
201) }
```

Background

The CSS property to change the background color of an element to XYZ 42.2011, 43.8768, 61.5032 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 177, 201) }
```

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

```
.background{ background-color: rgb(167,  
177, 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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