

Converting Colors

XYZ(42.2774, 43.9565, 59.6823)

Have a look what the booklet for
XYZ(42.2774, 43.9565, 59.6823)
contains.

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Color

**XYZ(42.2774, 43.9565,
59.6823)**

Conversions

Conversions Part 1

Format	Color
Hex	A9B1C6
RGB	169, 177, 198
RGB Percent	66%, 69%, 78%
CMY	0.3372, 0.3059, 0.2235
CMYK	0.15, 0.11, 0.00, 0.22
HSL	223°, 20%, 72%
HSV	223°, 15%, 78%
XYZ	42.2774, 43.9565, 59.6823
YIQ	177.0020, -11.5090, 4.8350

Conversions

Conversions Part 2

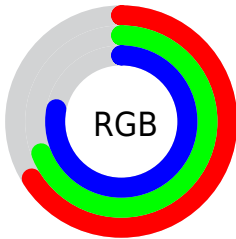
Format	Color
R_{YB}	169, 175, 198
Decimal	11121094
CIE _{Lab}	72.20, 1.50, -11.61
CIE _{LCh}	72, 11.708, 277.384
Yxy	43.9565, 0.2897, 0.3012
Android (android.graphics.Color)	4289311174 (0xFFA9B1C6)
YUV	177.0020, 10.3520, -7.0178
Hunter-Lab	66.2997, -2.2002, -6.9625

Details

The XYZ color **42.2774, 43.9565, 59.6823** is a light color, and the websafe version is hex **999999**. A complement of this color would be **48.8640, 51.6973, 44.9403**, and the grayscale version is **41.7438, 43.9177, 47.8264**.

A 20% lighter version of the original color is **77.9294, 81.3451, 106.2016**, and **19.7038, 20.4628, 29.2968** is the 20% darker color. If you saturate the color by 10%, you get **35.6627, 36.5622, 58.6044**, and if you desaturate by 10%, it is **49.8356, 52.2811, 60.8915**.

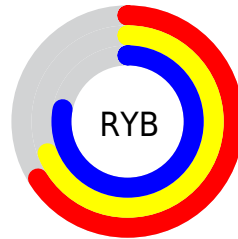
Distribution



Red (66%)

Green (69%)

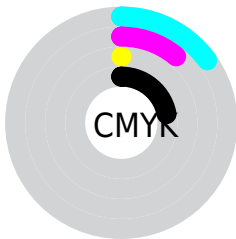
Blue (78%)



Red (66%)

Yellow (69%)

Blue (78%)

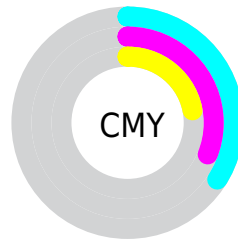


Cyan (15%)

Magenta (11%)

Yellow (0%)

Black (22%)



Cyan (34%)

Magenta (31%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.2774, 43.9565, 59.6823 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 42.2774, 43.9565, 59.6823 by changing the saturation by 10% instead.

■ 42.2774, 43.9565,
59.6823

■ 42.2774, 43.9565,
59.6823

346.6037,
362.5307, 441.1978

■ 29.5106, 30.6363,
42.7390

■ 77.8818, 81.1523,
105.9075

■ 19.6137, 20.3221,
29.3505

101.4502,
105.7967, 136.0265

■ 12.2211, 12.6294,
19.0983

129.3498,
134.9846, 171.3745

■ 6.9677, 7.1738,
11.5638

161.9459,
169.1004, 212.3700

■ 3.4881, 3.5711,
6.3285

199.6041,
208.5285, 259.4315

■ 1.4168, 1.4366,
2.9738

242.6895,

■ 0.2682, 0.2435,

253.6534, 312.9776

1.0813

291.5676,
304.8593, 373.4269

■ 0.0000, 0.0000,
0.0000

■ 42.2774, 43.9565,
59.6823

■ 42.2774, 43.9565,
59.6823

■ 35.6627, 36.5622,
58.6044

■ 49.8356, 52.2811,
60.8915

■ 29.9494, 30.0596,
57.6504

■ 58.3690, 61.5620,
62.2331

■ 25.0984, 24.4153,
56.8166

■ 67.9128, 71.8308,
63.7122

■ 21.0657, 19.5916,
56.0981

■ 78.4991, 83.1162,
65.3325

■ 17.8034, 15.5480,
55.4895

■ 85.2122, 92.8954,
66.8662

■ 15.2582, 12.2399,
54.9852

■ 87.1932, 96.8573,
67.5266

■ 13.3697, 9.6179,
54.5786

■ 12.0655, 7.6249,
54.2626

■ 11.5421, 6.7751,
54.1262

Harmonies

Analogous

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



40.3125, 43.9565, 58.8080



42.2774, 43.9565, 59.6823



44.1670, 43.9565, 57.1931

Triad

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



42.2774, 43.9565, 59.6823



44.9220, 43.9565, 41.4582



38.3166, 43.9565, 43.7348

Complementary

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



42.2774, 43.9565, 59.6823



48.8640, 51.6973, 44.9403

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.



39.4793, 43.9565, 39.6039



42.2774, 43.9565, 59.6823



43.2813, 43.9565, 38.3647

Square

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



42.2774, 43.9565, 59.6823



45.7253, 43.9565, 46.4544



41.2852, 43.9565, 37.7141



38.0672, 43.9565, 49.2961

Rectangle

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



42.2774, 43.9565, 59.6823



45.1156, 43.9565, 54.0702



41.2852, 43.9565, 37.7141



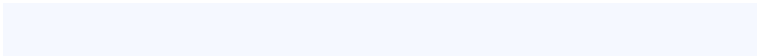
38.6117, 43.9565, 42.1466

Sweetspot

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



42.2787, 43.9583, 59.6833



89.0854, 93.4945, 107.9587



45.8277, 52.5323, 56.3163



18.8347, 19.7565, 23.0706



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.



42.2787, 43.9583, 59.6833



70.4318, 72.9078, 104.9682



42.1248, 41.6010, 59.2364



10.2909, 10.7559, 13.4512



7.5684, 4.5307, 35.2200



0.4208, 0.3394, 1.6885

Inverse Universe

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



45.4136, 43.5571, 47.6108



77.2184, 72.1714, 78.8030



49.0229, 54.4231, 45.4581



10.7521, 10.6842, 11.6780



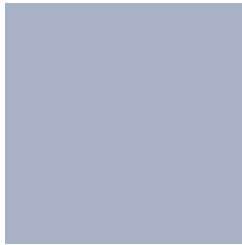
15.6195, 7.9974, 3.2063



0.7711, 0.3913, 0.3178

Previews

White Background



This preview shows how the XYZ color 42.2774, 43.9565, 59.6823 looks on a white background.

Color Contrast Check

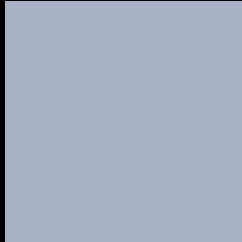
Large Text (above 18pt) WCAG AA × Fail

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 42.2774, 43.9565, 59.6823 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

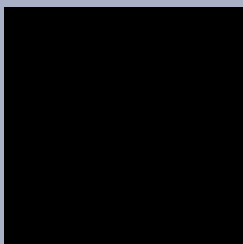
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

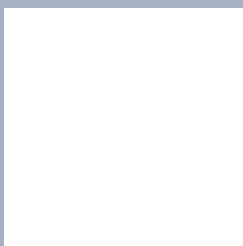
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 42.2774, 43.9565, 59.6823

Background



This preview shows how black text looks on a background with the XYZ color 42.2774, 43.9565, 59.6823.



This preview shows how white text looks on a background with the XYZ color 42.2774, 43.9565,

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

42.2774, 43.9565, 59.6823

Protanopia

43.0589, 44.0806, 59.0623

Deuteranopia

44.8285, 43.8189, 60.1280



Tritanopia

41.5833, 43.9714, 56.1648

Trichromacy



Original Color

42.2774, 43.9565, 59.6823

Protanomaly

42.6166, 43.8525, 59.0416

Deuteranomaly

44.0353, 43.9793, 60.2008

Tritanomaly

41.8064, 44.0607, 57.3401

Monochromacy



Original Color

42.2774, 43.9565, 59.6823

Achromatopsia

41.7894, 43.9657, 47.8787

Achromatomaly

41.9347, 43.9457, 52.1711

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.2774, 43.9565, 59.6823 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(169, 177, 198)` looks like.

```
.text, #text, p{  
    color:rgb(169, 177, 198)  
}
```

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(169, 177, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 177, 198) }
```

Border

The CSS property to change the border of an element to XYZ 42.2774, 43.9565, 59.6823 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(169, 177, 198) }
```


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

```
.border{ border-color:rgb(169, 177, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 177, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 177, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 177, 198);  
box-shadow:4px 4px 4px 4px rgb(169, 177,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 42.2774, 43.9565, 59.6823 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 177, 198) }
```

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

```
.background{ background-color: rgb(169,  
177, 198) }
```

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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