

Converting Colors

XYZ(43.1631, 42.8962, 75.8169)

Have a look what the booklet for
XYZ(43.1631, 42.8962, 75.8169)
contains.

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Color

**XYZ(43.1631, 42.8962,
75.8169)**

Conversions

Conversions Part 1

Format	Color
Hex	A2ADDF
RGB	162, 173, 223
RGB Percent	64%, 68%, 87%
CMY	0.3647, 0.3216, 0.1255
CMYK	0.27, 0.22, 0.00, 0.13
HSL	229°, 49%, 75%
HSV	229°, 27%, 87%
XYZ	43.1631, 42.8962, 75.8169
YIQ	175.4110, -22.6060, 13.2180

Conversions

Conversions Part 2

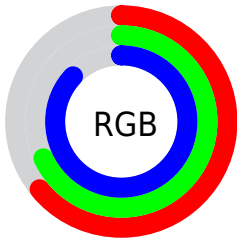
Format	Color
R_{YB}	162, 171, 223
Decimal	10661343
CIE _{Lab}	71.48, 7.23, -26.43
CIE _{LCh}	71, 27.405, 285.304
Yxy	42.8962, 0.2666, 0.2650
Android (android.graphics.Color)	4288851423 (0xFFA2ADDF)
YUV	175.4110, 23.4614, -11.7614
Hunter-Lab	65.4952, 3.0197, -22.7872

Details

The XYZ color **43.1631, 42.8962, 75.8169** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **60.4971, 65.3840, 43.6155**, and the grayscale version is **40.8521, 42.9796, 46.8048**.

A 20% lighter version of the original color is **74.7068, 77.6122, 105.6509**, and **20.2119, 19.7531, 39.7932** is the 20% darker color. If you saturate the color by 10%, you get **35.7602, 34.2287, 74.5348**, and if you desaturate by 10%, it is **51.8515, 52.9402, 77.2984**.

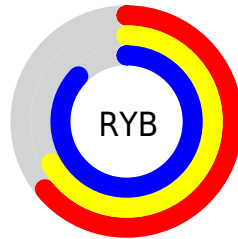
Distribution



Red (64%)

Green (68%)

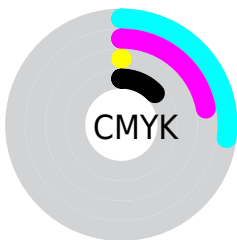
Blue (87%)



Red (64%)

Yellow (67%)

Blue (87%)

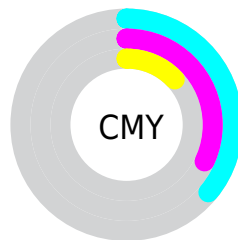


Cyan (27%)

Magenta (22%)

Yellow (0%)

Black (13%)



Cyan (36%)

Magenta (32%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.1631, 42.8962, 75.8169 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 43.1631, 42.8962, 75.8169 by changing the saturation by 10% instead.

■ 43.1631, 42.8962,
75.8169

■ 43.1631, 42.8962,
75.8169

350.1922,
358.1847, 500.0508

■ 30.2082, 29.8037,
55.7766

■ 79.2111, 79.5542,
129.2258

■ 20.1455, 19.6896,
39.6211

■ 103.0349,
103.8885, 163.4314

■ 12.6097, 12.1696,
26.9317

131.2124,
132.7388, 203.1960

■ 7.2355, 6.8593,
17.2899

164.1089,
166.4895, 248.9380

■ 3.6575, 3.3743,
10.2773

202.0897,
205.5251, 301.0759

■ 1.5102, 1.3301,
5.4752

245.5204,

■ 0.3328, 0.1643,

250.2299, 360.0283

2.4651

294.7661,
300.9883, 426.2138

■ 0.0000, 0.0000,
0.8216

■ 0.0000, 0.0000,
0.0000

■ 43.1631, 42.8962,
75.8169

■ 43.1631, 42.8962,
75.8169

■ 35.7602, 34.2287,
74.5348

■ 51.8515, 52.9402,
77.2984

■ 29.5769, 26.8720,
73.4407

■ 61.8789, 64.4124,
78.9842

■ 24.5477, 20.7627,
72.5266

■ 73.3006, 77.3679,
80.8829

■ 20.5987, 15.8298,
71.7826

■ 86.1677, 91.8575,
83.0015

■ 17.6478, 11.9949,
71.1979

■ 90.3194, 98.1078,
83.9891

■ 15.5999, 9.1695,
70.7605

■ 14.3338, 7.2468,
70.4561

■ 14.0856, 6.8600,
70.3945

Harmonies

Analogous

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



38.5577, 42.8962, 75.9135



43.1631, 42.8962, 75.8169



47.4226, 42.8962, 66.9984

Triad

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



43.1631, 42.8962, 75.8169



47.3488, 42.8962, 30.8463



32.7633, 42.8962, 40.5413

Complementary

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



43.1631, 42.8962, 75.8169



60.4971, 65.3840, 43.6155

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.



34.7734, 42.8962, 30.9914



43.1631, 42.8962, 75.8169



43.0685, 42.8962, 26.1555

Square

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



43.1631, 42.8962, 75.8169



49.9607, 42.8962, 40.3043



38.4700, 42.8962, 26.2030



32.7844, 42.8962, 53.7536

Rectangle

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



43.1631, 42.8962, 75.8169



49.3928, 42.8962, 58.1711



38.4700, 42.8962, 26.2030



33.2168, 42.8962, 36.8571

Sweetspot

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



43.1645, 42.8979, 75.8179



82.8349, 86.1258, 106.8658



53.1495, 65.2019, 71.9510



17.2679, 17.9074, 22.7963



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.



43.1645, 42.8979, 75.8179



52.3763, 50.9899, 101.6892



45.3711, 41.0317, 75.3414



13.1510, 13.6410, 17.3275



8.3408, 4.1512, 41.4100



0.6377, 0.4068, 2.8902

Inverse Universe

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



50.8957, 44.5470, 45.4529



64.6403, 53.8755, 53.4610



57.7253, 68.1775, 44.3008



13.8077, 13.7407, 14.7574



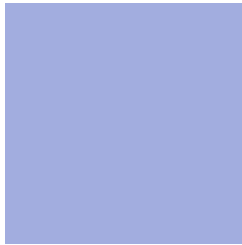
18.1503, 9.3271, 2.1912



1.2881, 0.6585, 0.3101

Previews

White Background



This preview shows how the XYZ color 43.1631, 42.8962, 75.8169 looks on a white background.

Color Contrast Check

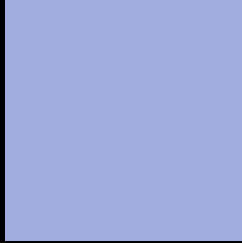
Large Text (above 18pt) WCAG AA × Fail

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 43.1631, 42.8962, 75.8169 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 43.1631, 42.8962, 75.8169

Background



This preview shows how black text looks on a background with the XYZ color 43.1631, 42.8962, 75.8169.



This preview shows how white text looks on a background with the XYZ color 43.1631, 42.8962,

75.8169.

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

43.1631, 42.8962, 75.8169

Protanopia

43.1631, 42.8962, 75.8169

Deuteranopia

43.7977, 42.9398, 75.7919



Tritanopia

39.2563, 42.7590, 56.6364

Trichromacy



Original Color

43.1631, 42.8962, 75.8169

Protanomaly

43.1631, 42.8962, 75.8169

Deuteranomaly

43.5889, 42.8321, 75.7821

Tritanomaly

40.5250, 42.6794, 63.2288

Monochromacy



Original Color

43.1631, 42.8962, 75.8169

Achromatopsia

40.7470, 42.8690, 46.6844

Achromatomaly

41.2280, 42.6239, 55.9235

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.1631, 42.8962, 75.8169 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(162, 173, 223)` looks like.

```
.text, #text, p{  
    color:rgb(162, 173, 223)  
}
```

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(162, 173, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 173, 223) }
```

Border

The CSS property to change the border of an element to XYZ 43.1631, 42.8962, 75.8169 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(162, 173, 223) }
```


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

```
.border{ border-color:rgb(162, 173, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 173, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 173, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 173, 223);  
box-shadow:4px 4px 4px 4px rgb(162, 173,  
223) }
```

Background

The CSS property to change the background color of an element to XYZ 43.1631, 42.8962, 75.8169 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 173, 223) }
```

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

```
.background{ background-color: rgb(162,  
173, 223) }
```

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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