

Converting Colors

XYZ(42.2172, 43.1210, 56.5502)

Have a look what the booklet for
XYZ(42.2172, 43.1210, 56.5502)
contains.

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Color

**XYZ(42.2172, 43.1210,
56.5502)**

Conversions

Conversions Part 1

Format	Color
Hex	AEAEC1
RGB	174, 174, 193
RGB Percent	68%, 68%, 76%
CMY	0.3176, 0.3176, 0.2431
CMYK	0.10, 0.10, 0.00, 0.24
HSL	240°, 13%, 72%
HSV	240°, 10%, 76%
XYZ	42.2172, 43.1210, 56.5502
YIQ	176.1660, -6.0990, 5.9090

Conversions

Conversions Part 2

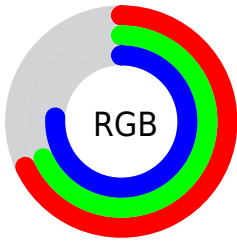
Format	Color
RYB	174, 174, 193
Decimal	11448001
CIELab	71.64, 3.75, -9.67
CIELCh	72, 10.367, 291.193
Yxy	43.1210, 0.2975, 0.3039
Android (android.graphics.Color)	4289638081 (0xFFFAEAEC1)
YUV	176.1660, 8.2992, -1.8996
Hunter-Lab	65.6666, -0.1584, -5.0923

Details

The XYZ color **42.2172, 43.1210, 56.5502** is a light color, and the websafe version is hex **999999**. A complement of this color would be **48.7024, 52.5329, 47.6181**, and the grayscale version is **41.3148, 43.4663, 47.3349**.

A 20% lighter version of the original color is **77.7513, 79.7012, 100.9085**, and **19.6458, 19.9207, 27.2357** is the 20% darker color. If you saturate the color by 10%, you get **34.7587, 34.1345, 55.2094**, and if you desaturate by 10%, it is **50.8317, 53.5008, 58.1003**.

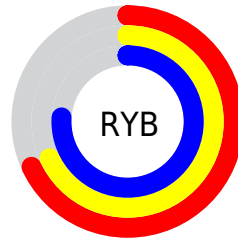
Distribution



Red (68%)

Green (68%)

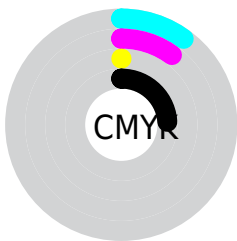
Blue (76%)



Red (68%)

Yellow (68%)

Blue (76%)

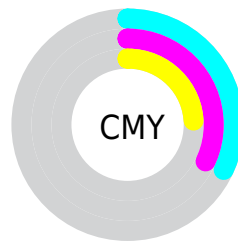


Cyan (10%)

Magenta (10%)

Yellow (0%)

Black (24%)



Cyan (32%)

Magenta (32%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.2172, 43.1210, 56.5502 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 42.2172, 43.1210, 56.5502 by changing the saturation by 10% instead.

■ 42.2172, 43.1210,
56.5502

■ 42.2172, 43.1210,
56.5502

346.3589,
359.1091, 429.2081

■ 29.4633, 29.9801,
40.2373

■ 77.7913, 79.8934,
101.3024

■ 19.5776, 19.8235,
27.4084

101.3423,
104.2937, 130.5787

■ 12.1948, 12.2668,
17.6450

129.2229,
133.2159, 165.0133

■ 6.9497, 6.9256,
10.5286

161.7985,
167.0444, 205.0246

■ 3.4767, 3.4156,
5.6407

199.4346,
206.1635, 251.0312

■ 1.4106, 1.3524,
2.5626

242.4964,

■ 0.2637, 0.1812,

250.9578, 303.4516

0.8731

291.3494,
301.8115, 362.7044

■ 0.0000, 0.0000,
0.0000

■ 42.2172, 43.1210,
56.5502

■ 42.2172, 43.1210,
56.5502

■ 34.7587, 34.1345,
55.2094

■ 50.8317, 53.5008,
58.1003

■ 28.4033, 26.4769,
54.0663

■ 60.6444, 65.3239,
59.8652

■ 23.1000, 20.0868,
53.1124

■ 71.7000, 78.6446,
61.8537

■ 18.7919, 14.8959,
52.3375

■ 84.0399, 93.5125,
64.0731

■ 15.4171, 10.8294,
51.7305

■ 86.6258, 96.6303,
64.5386

■ 12.9065, 7.8042,
51.2789

■ 11.1817, 5.7256,
50.9686

■ 10.1498, 4.4820,
50.7829

■ 9.6331, 3.8594,
50.6900

Harmonies

Analogous

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



40.4708, 43.1210, 57.1633



42.2172, 43.1210, 56.5502



43.6713, 43.1210, 53.2718

Triad

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



42.2172, 43.1210, 56.5502



43.1365, 43.1210, 39.8163



37.7403, 43.1210, 45.4874

Complementary

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



42.2172, 43.1210, 56.5502



48.7024, 52.5329, 47.6181

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.



38.4116, 43.1210, 41.1519



42.2172, 43.1210, 56.5502



41.5040, 43.1210, 38.0345

Square

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



42.2172, 43.1210, 56.5502



44.2125, 43.1210, 43.5438



39.7774, 43.1210, 38.5054



37.9190, 43.1210, 50.5323

Rectangle

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



42.2172, 43.1210, 56.5502



44.2630, 43.1210, 50.1362



39.7774, 43.1210, 38.5054



37.8733, 43.1210, 43.9044

Sweetspot

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



42.2185, 43.1228, 56.5512



85.8686, 89.5895, 103.1270



46.1166, 50.9755, 57.6764



18.1483, 18.8906, 22.0750



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



42.2185, 43.1228, 56.5512



72.2994, 73.2402, 100.6865



44.3345, 44.2129, 56.6500



9.5285, 9.7482, 12.6642



6.4024, 2.5614, 33.7136



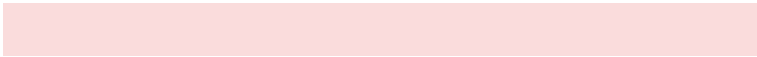
0.2767, 0.1107, 1.4567

Inverse Universe

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



44.7693, 44.6664, 46.3084



77.8658, 76.6086, 78.3349



46.4339, 51.3644, 47.5121



10.0733, 10.0779, 10.4765



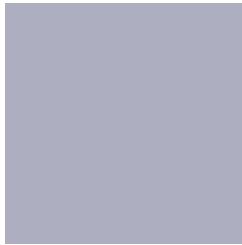
14.6276, 7.5408, 0.6852



0.6320, 0.3258, 0.0297

Previews

White Background



This preview shows how the XYZ color 42.2172, 43.1210, 56.5502 looks on a white background.

Color Contrast Check

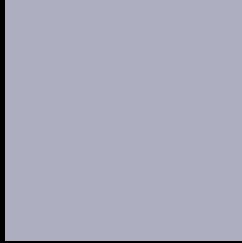
Large Text (above 18pt) WCAG AA × Fail

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 42.2172, 43.1210, 56.5502 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

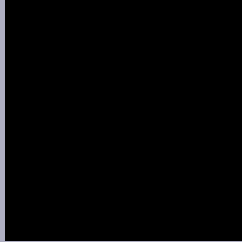
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 42.2172, 43.1210, 56.5502

Background



This preview shows how black text looks on a background with the XYZ color 42.2172, 43.1210, 56.5502.

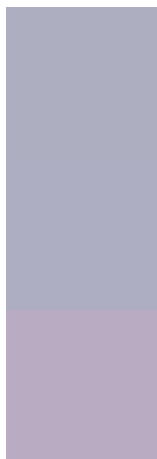


This preview shows how white text looks on a background with the XYZ color 42.2172, 43.1210,

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

42.2172, 43.1210, 56.5502

Protanopia

41.9953, 43.0066, 56.5398

Deuteranopia

44.0677, 43.2112, 57.0569



Tritanopia

41.7489, 43.2183, 54.2857

Trichromacy



Original Color

42.2172, 43.1210, 56.5502

Protanomaly

41.9953, 43.0066, 56.5398

Deuteranomaly

43.3125, 43.1034, 57.0759

Tritanomaly

41.8578, 43.2619, 54.8594

Monochromacy



Original Color

42.2172, 43.1210, 56.5502

Achromatopsia

41.2663, 43.4154, 47.2793

Achromatomaly

41.4527, 43.1513, 50.4002

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.2172, 43.1210, 56.5502 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(174, 174, 193)` looks like.

```
.text, #text, p{  
    color:rgb(174, 174, 193)  
}
```

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(174, 174, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 174, 193) }
```

Border

The CSS property to change the border of an element to XYZ 42.2172, 43.1210, 56.5502 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(174, 174, 193) }
```


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

```
.border{ border-color:rgb(174, 174, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 174, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 174, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 174, 193);  
box-shadow:4px 4px 4px 4px rgb(174, 174,  
193) }
```

Background

The CSS property to change the background color of an element to XYZ 42.2172, 43.1210, 56.5502 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 174, 193) }
```

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

```
.background{ background-color: rgb(174,  
174, 193) }
```

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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