

Converting Colors

XYZ(43.7172, 44.5324, 67.2642)

Have a look what the booklet for
XYZ(43.7172, 44.5324, 67.2642)
contains.

XYZ(43.7172, 44.5324, 67.2642)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(43.7172, 44.5324,
67.2642)**

Conversions

Conversions Part 1

Format	Color
Hex	A9B1D2
RGB	169, 177, 210
RGB Percent	66%, 69%, 82%
CMY	0.3372, 0.3059, 0.1765
CMYK	0.20, 0.16, 0.00, 0.18
HSL	228°, 31%, 74%
HSV	228°, 20%, 82%
XYZ	43.7172, 44.5324, 67.2642
YIQ	178.3700, -15.3610, 8.5670

Conversions

Conversions Part 2

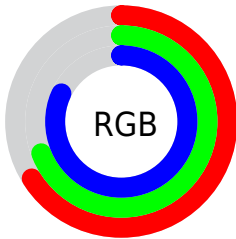
Format	Color
RYB	169, 176, 210
Decimal	11121106
CIELab	72.58, 4.14, -17.61
CIELCh	73, 18.085, 283.221
Yxy	44.5324, 0.2811, 0.2864
Android (android.graphics.Color)	4289311186 (0xFFA9B1D2)
YUV	178.3700, 15.5936, -8.2175
Hunter-Lab	66.7326, 0.1551, -13.0495

Details

The XYZ color **43.7172, 44.5324, 67.2642** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **54.8608, 58.8075, 45.9968**, and the grayscale version is **42.4397, 44.6499, 48.6237**.

A 20% lighter version of the original color is **78.2403, 81.5054, 106.2161**, and **20.4525, 20.7468, 33.9369** is the 20% darker color. If you saturate the color by 10%, you get **36.4346, 36.1263, 66.0262**, and if you desaturate by 10%, it is **52.1396, 54.1422, 68.6759**.

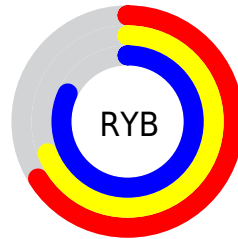
Distribution



Red (66%)

Green (69%)

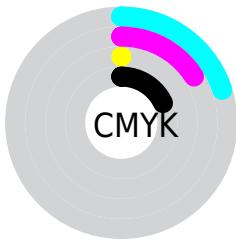
Blue (82%)



Red (66%)

Yellow (69%)

Blue (82%)

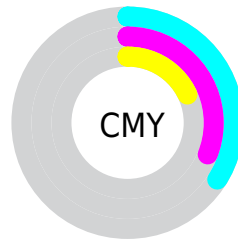


Cyan (20%)

Magenta (16%)

Yellow (0%)

Black (18%)



Cyan (34%)

Magenta (31%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.7172, 44.5324, 67.2642 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 43.7172, 44.5324, 67.2642 by changing the saturation by 10% instead.

■ 43.7172, 44.5324,
67.2642

■ 43.7172, 44.5324,
67.2642

352.4247,
364.8765, 469.4117

■ 30.6452, 31.0893,
48.8364

■ 80.0410, 82.0183,
116.9431

■ 20.4793, 20.6668,
34.1250

■ 104.0235,
106.8298, 149.0314

■ 12.8542, 12.8807,
22.7115

132.3736,
136.1996, 186.5102

■ 7.4045, 7.3464,
14.1774

165.4566,
170.5121, 229.7981

■ 3.7649, 3.6797,
8.1040

203.6379,
210.1516, 279.3137

■ 1.5700, 1.4960,
4.0728

247.2827,

■ 0.3728, 0.2859,

255.5026, 335.4754

1.6654

296.7566,
306.9494, 398.7019

■ 0.0000, 0.0000,
0.3368

■ 0.0000, 0.0000,
0.0000

■ 43.7172, 44.5324,
67.2642

■ 43.7172, 44.5324,
67.2642

■ 36.4346, 36.1263,
66.0262

■ 52.1396, 54.1422,
68.6759

■ 30.2383, 28.8705,
64.9523

■ 61.7441, 64.9953,
70.2645

■ 25.0762, 22.7156,
64.0364

■ 72.5760, 77.1363,
72.0371

■ 20.8905, 17.6067,
63.2708

■ 84.6768, 90.6059,
73.9992

■ 17.6176, 13.4835,
62.6475

■ 88.6330, 97.4332,
75.1085

■ 15.1858, 10.2798,
62.1573

■ 13.5120, 7.9201,
61.7900

■ 12.4660, 6.3007,
61.5326

■ 12.4253, 6.2379,
61.5226

Harmonies

Analogous

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



40.6140, 44.5324, 66.9204



43.7172, 44.5324, 67.2642



46.5806, 44.5324, 62.1549

Triad

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



43.7172, 44.5324, 67.2642



46.8627, 44.5324, 37.6229



36.8254, 44.5324, 43.6836

Complementary

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



43.7172, 44.5324, 67.2642



54.8608, 58.8075, 45.9968

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.



38.3400, 44.5324, 36.9878



43.7172, 44.5324, 67.2642



44.0869, 44.5324, 33.7955

Square

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



43.7172, 44.5324, 67.2642



48.4560, 44.5324, 44.6545



40.9660, 44.5324, 33.5783



36.7374, 44.5324, 52.5353

Rectangle

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



43.7172, 44.5324, 67.2642



47.9264, 44.5324, 56.6706



40.9660, 44.5324, 33.5783



37.1811, 44.5324, 41.1340

Sweetspot

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



43.7186, 44.5342, 67.2652



85.8401, 89.6061, 107.3792



50.0467, 58.7839, 64.4625



18.1676, 18.9466, 22.9495



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.



43.7186, 44.5342, 67.2652



63.4123, 64.0151, 103.6217



44.9484, 42.8904, 66.8831



11.3478, 11.7859, 14.9205



7.6354, 3.9175, 37.5462



0.4832, 0.3316, 2.1181

Inverse Universe

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



48.7033, 45.2531, 47.7647



72.4190, 65.4420, 68.3577



53.4186, 60.9236, 46.4813



11.9017, 11.8454, 12.7581



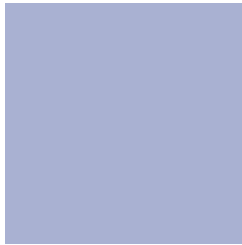
16.4847, 8.4667, 2.1929



0.9501, 0.4848, 0.2721

Previews

White Background



This preview shows how the XYZ color 43.7172, 44.5324, 67.2642 looks on a white background.

Color Contrast Check

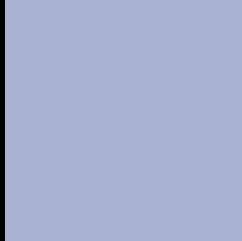
Large Text (above 18pt) WCAG AA × Fail

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 43.7172, 44.5324, 67.2642 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

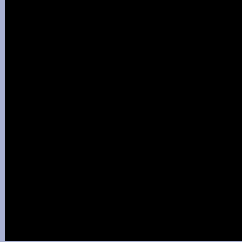
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.7172, 44.5324, 67.2642

Background



This preview shows how black text looks on a background with the XYZ color 43.7172, 44.5324, 67.2642.



This preview shows how white text looks on a background with the XYZ color 43.7172, 44.5324,

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

43.7172, 44.5324, 67.2642

Protanopia

43.9528, 44.3617, 67.2189

Deuteranopia

45.4843, 44.5590, 67.8315



Tritanopia

41.7847, 44.6445, 57.4539

Trichromacy



Original Color

43.7172, 44.5324, 67.2642

Protanomaly

43.7358, 44.2499, 67.2087

Deuteranomaly

44.7670, 44.4771, 67.8535

Tritanomaly

42.4818, 44.6258, 61.0182

Monochromacy



Original Color

43.7172, 44.5324, 67.2642

Achromatopsia

42.3164, 44.5201, 48.4824

Achromatomaly

42.8939, 44.6725, 55.0771

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.7172, 44.5324, 67.2642 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, 210)` looks like.

```
.text, #text, p{  
    color:rgb(169, 177, 210)  
}
```

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, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 177, 210) }
```

Border

The CSS property to change the border of an element to XYZ 43.7172, 44.5324, 67.2642 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, 210) }
```


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

```
.border{ border-color:rgb(169, 177, 210) }
```

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, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 177, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 177, 210);  
box-shadow:4px 4px 4px 4px rgb(169, 177,  
210) }
```

Background

The CSS property to change the background color of an element to XYZ 43.7172, 44.5324, 67.2642 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, 210) }
```

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

```
.background{ background-color: rgb(169,  
177, 210) }
```

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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