

Converting Colors

XYZ(43.2578, 42.3486, 77.1283)

Have a look what the booklet for
XYZ(43.2578, 42.3486, 77.1283)
contains.

XYZ(43.2578, 42.3486, 77.1283)	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(43.2578, 42.3486,
77.1283)**

Conversions

Conversions Part 1

Format	Color
Hex	A3ABE1
RGB	163, 171, 225
RGB Percent	64%, 67%, 88%
CMY	0.3608, 0.3294, 0.1176
CMYK	0.28, 0.24, 0.00, 0.12
HSL	232°, 51%, 76%
HSV	232°, 28%, 88%
XYZ	43.2578, 42.3486, 77.1283
YIQ	174.7640, -22.1020, 15.0980

Conversions

Conversions Part 2

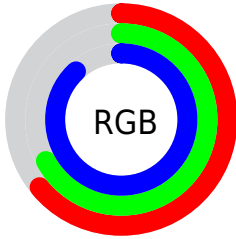
Format	Color
R_{YB}	163, 170, 225
Decimal	10726369
CIE _{Lab}	71.11, 9.13, -28.09
CIE _{LCh}	71, 29.539, 287.995
Yxy	42.3486, 0.2658, 0.2602
Android (android.graphics.Color)	4288916449 (0xFFA3ABE1)
YUV	174.7640, 24.7663, -10.3170
Hunter-Lab	65.0758, 4.7715, -24.7179

Details

The XYZ color **43.2578, 42.3486, 77.1283** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **62.4758, 68.2782, 44.5380**, and the grayscale version is **40.5110, 42.6208, 46.4140**.

A 20% lighter version of the original color is **74.4598, 76.6728, 105.4826**, and **20.2829, 19.4109, 40.7079** is the 20% darker color. If you saturate the color by 10%, you get **35.6231, 33.3199, 75.7887**, and if you desaturate by 10%, it is **52.2636, 52.9007, 78.6911**.

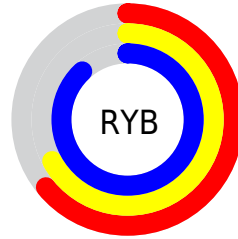
Distribution



Red (64%)

Green (67%)

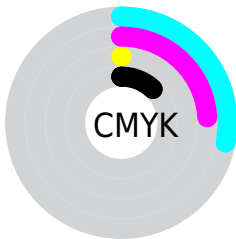
Blue (88%)



Red (64%)

Yellow (67%)

Blue (88%)

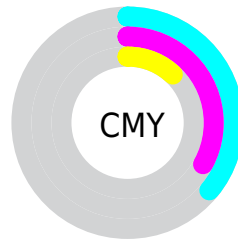


Cyan (28%)

Magenta (24%)

Yellow (0%)

Black (12%)



Cyan (36%)

Magenta (33%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.2578, 42.3486, 77.1283 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 43.2578, 42.3486, 77.1283 by changing the saturation by 10% instead.

■ 43.2578, 42.3486,
77.1283

■ 43.2578, 42.3486,
77.1283

350.5745,
355.9260, 504.6506

■ 30.2828, 29.3744,
56.8460

■ 79.3530, 78.7269,
131.0952

■ 20.2025, 19.3642,
40.4731

■ 103.2040,
102.8998, 165.6169

■ 12.6515, 11.9337,
27.5910

131.4111,
131.5744, 205.7222

■ 7.2643, 6.6986,
17.7812

164.3395,
165.1350, 251.8296

■ 3.6757, 3.2743,
10.6252

202.3547,
203.9661, 304.3575

■ 1.5204, 1.2766,
5.7044

245.8220,

■ 0.3396, 0.1230,

248.4520, 363.7247

2.6003

295.1068,
298.9772, 430.3495

■ 0.0000, 0.0000,
0.8926

■ 0.0000, 0.0000,
0.0000

■ 43.2578, 42.3486,
77.1283

■ 43.2578, 42.3486,
77.1283

■ 35.6231, 33.3199,
75.7887

■ 52.2636, 52.9007,
78.6911

■ 29.2879, 25.7391,
74.6594

■ 62.6993, 65.0370,
80.4837

■ 24.1802, 19.5317,
73.7304

■ 74.6250, 78.8214,
82.5157

■ 20.2194, 14.6145,
72.9901

■ 88.0964, 94.3123,
84.7958

■ 17.3149, 10.8950,
72.4252

■ 90.5907, 98.2163,
85.4179

■ 15.3622, 8.2682,
72.0211

■ 14.2267, 6.6060,
71.7601

■ 14.0310, 6.3167,
71.7146

Harmonies

Analogous

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



38.3073, 42.3486, 78.1698



43.2578, 42.3486, 77.1283



47.7310, 42.3486, 66.8184

Triad

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



43.2578, 42.3486, 77.1283



46.9488, 42.3486, 28.7042



31.6557, 42.3486, 40.6799

Complementary

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



43.2578, 42.3486, 77.1283



62.4758, 68.2782, 44.5380

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.



33.5965, 42.3486, 30.1950



43.2578, 42.3486, 77.1283



42.2595, 42.3486, 24.2899

Square

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



43.2578, 42.3486, 77.1283



49.9791, 42.3486, 38.2057



37.3870, 42.3486, 24.7731



31.8752, 42.3486, 55.0366

Rectangle

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



43.2578, 42.3486, 77.1283



49.7169, 42.3486, 57.0741



37.3870, 42.3486, 24.7731



32.0701, 42.3486, 36.6492

Sweetspot

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



43.2592, 42.3503, 77.1293



82.5306, 85.5172, 106.7644



54.5202, 66.6338, 75.4529



17.1919, 17.7554, 22.7710



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.



43.2592, 42.3503, 77.1293



51.4803, 49.1979, 101.3906



46.8740, 42.0378, 76.8784



13.0939, 13.5269, 17.3085



8.1321, 3.7338, 41.3404



0.6107, 0.3529, 2.8812

Inverse Universe

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



51.5004, 45.1436, 44.5290



64.1880, 53.6946, 51.0794



57.9664, 69.0894, 44.9322



13.7789, 13.7292, 14.6057



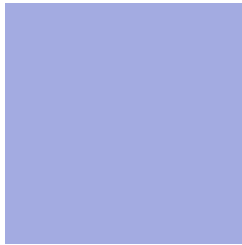
18.0449, 9.2850, 1.6363



1.2745, 0.6531, 0.2384

Previews

White Background



This preview shows how the XYZ color 43.2578, 42.3486, 77.1283 looks on a white background.

Color Contrast Check

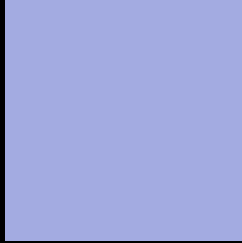
Large Text (above 18pt) WCAG AA × Fail

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 43.2578, 42.3486, 77.1283 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

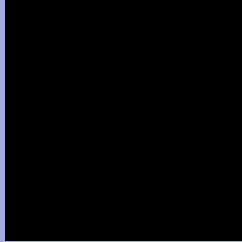
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.2578, 42.3486, 77.1283

Background



This preview shows how black text looks on a background with the XYZ color 43.2578, 42.3486, 77.1283.



This preview shows how white text looks on a background with the XYZ color 43.2578, 42.3486,

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

43.2578, 42.3486, 77.1283

Protanopia

42.9772, 42.4696, 77.8838

Deuteranopia

43.2578, 42.3486, 77.1283



Tritanopia

38.8364, 42.2738, 55.4030

Trichromacy



Original Color

43.2578, 42.3486, 77.1283

Protanomaly

43.1779, 42.5731, 77.8932

Deuteranomaly

43.2578, 42.3486, 77.1283

Tritanomaly

40.4075, 42.3427, 62.5432

Monochromacy



Original Color

43.2578, 42.3486, 77.1283

Achromatopsia

40.7470, 42.8690, 46.6844

Achromatomaly

41.5563, 42.7803, 56.5192

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.2578, 42.3486, 77.1283 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(163, 171, 225)` looks like.

```
.text, #text, p{  
    color:rgb(163, 171, 225)  
}
```

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(163, 171, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 171, 225) }
```

Border

The CSS property to change the border of an element to XYZ 43.2578, 42.3486, 77.1283 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(163, 171, 225) }
```


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

```
.border{ border-color:rgb(163, 171, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 171, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 171, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 171, 225);  
box-shadow:4px 4px 4px 4px rgb(163, 171,  
225) }
```

Background

The CSS property to change the background color of an element to XYZ 43.2578, 42.3486, 77.1283 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 171, 225) }
```

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

```
.background{ background-color: rgb(163,  
171, 225) }
```

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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