

Converting Colors

XYZ(42.3067, 44.5879, 74.6822)

Have a look what the booklet for
XYZ(42.3067, 44.5879, 74.6822)
contains.

XYZ(42.3213, 44.5384, 74.7728) 3
***Conversions* 4**
***Details* 6**
***Harmonies* 12**
***Previews* 24**
***Color Blindness Simulation* 28**
***CSS Examples* 31**

Color

**XYZ(42.3213, 44.5384,
74.7728)**

Conversions

Conversions Part 1

Format	Color
Hex	98B4DD
RGB	152, 180, 221
RGB Percent	60%, 71%, 87%
CMY	0.4039, 0.2941, 0.1333
CMYK	0.31, 0.19, 0.00, 0.13
HSL	216°, 50%, 73%
HSV	216°, 31%, 87%
XYZ	42.3213, 44.5384, 74.7728
YIQ	176.3020, -29.8490, 6.8150

Conversions

Conversions Part 2

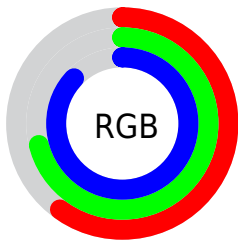
Format	Color
RYB	152, 172, 221
Decimal	10007773
CIELab	72.59, -0.03, -23.72
CIELCh	73, 23.715, 269.919
Yxy	44.5384, 0.2618, 0.2756
Android (android.graphics.Color)	4288197853 (0xFF98B4DD)
YUV	176.3020, 22.0361, -21.3129
Hunter-Lab	66.7371, -3.5942, -19.7130

Details

The XYZ color **42.3213, 44.5384, 74.7728** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **54.5570, 55.7796, 37.5982**, and the grayscale version is **41.3253, 43.4774, 47.3469**.

A 20% lighter version of the original color is **74.0579, 80.6208, 106.2658**, and **19.6179, 20.5846, 39.0156** is the 20% darker color. If you saturate the color by 10%, you get **36.0376, 37.5492, 73.7557**, and if you desaturate by 10%, it is **49.6297, 52.4307, 75.9117**.

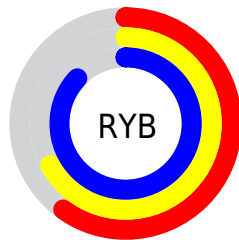
Distribution



Red (60%)

Green (71%)

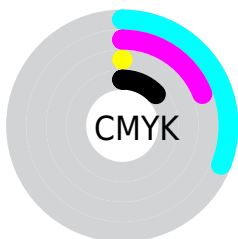
Blue (87%)



Red (60%)

Yellow (67%)

Blue (87%)

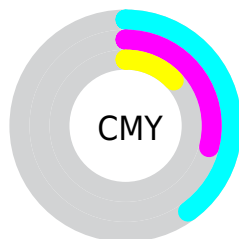


Cyan (31%)

Magenta (19%)

Yellow (0%)

Black (13%)



Cyan (40%)

Magenta (29%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.3213, 44.5384, 74.7728 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 42.3213, 44.5384, 74.7728 by changing the saturation by 10% instead.

■ 42.3213, 44.5384,
74.7728

■ 42.3213, 44.5384,
74.7728

346.7821,
364.9008, 496.3709

■ 29.5452, 31.0940,
54.9262

■ 77.9478, 82.0273,
127.7348

■ 19.6400, 20.6704,
38.9444

■ 101.5288,
106.8406, 161.6873

■ 12.2403, 12.8833,
26.4090

129.4423,
136.2123, 201.1788

■ 6.9809, 7.3482,
16.9014

162.0534,
170.5268, 246.6279

■ 3.4964, 3.6808,
10.0030

199.7276,
210.1685, 298.4531

■ 1.4214, 1.4967,
5.2953

242.8302,

■ 0.2714, 0.2864,

255.5218, 357.0730

2.3598

291.7266,
306.9711, 422.9061

■ 0.0000, 0.0000,
0.7644

■ 0.0000, 0.0000,
0.0000

■ 42.3213, 44.5384,
74.7728

■ 42.3213, 44.5384,
74.7728

■ 36.0376, 37.5492,
73.7557

■ 49.6297, 52.4307,
75.9117

■ 30.7245, 31.4219,
72.8531

■ 58.0047, 61.2547,
77.1735

■ 26.3290, 26.1195,
72.0612

■ 67.4911, 71.0438,
78.5630

■ 22.7911, 21.5996,
71.3753

■ 78.1296, 81.8284,
80.0840

■ 20.0423, 17.8151,
70.7897

■ 87.1441, 92.1861,
81.6081

■ 18.0023, 14.7121,
70.2983

■ 90.0513, 98.0005,
82.5771

■ 16.6810, 12.4799,
69.9371

Harmonies

Analogous

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



38.5008, 44.5384, 70.7855



42.3213, 44.5384, 74.7728



46.3897, 44.5384, 70.8264

Triad

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



42.3213, 44.5384, 74.7728



49.5433, 44.5384, 38.0778



35.8675, 44.5384, 38.0309

Complementary

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



42.3213, 44.5384, 74.7728



54.5570, 55.7796, 37.5982

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.



38.5189, 44.5384, 31.4327



42.3213, 44.5384, 74.7728



46.4101, 44.5384, 31.4565

Square

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



42.3213, 44.5384, 74.7728



50.7199, 44.5384, 48.5266



42.3435, 44.5384, 29.2315



34.9247, 44.5384, 48.4629

Rectangle

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



42.3213, 44.5384, 74.7728



48.6588, 44.5384, 64.5416



42.3435, 44.5384, 29.2315



36.5796, 44.5384, 35.3559

Sweetspot

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



42.3227, 44.5402, 74.7738



82.9079, 87.5102, 107.1292



48.3486, 62.2061, 59.4744



17.3514, 18.3210, 22.8717



0.0000, 0.0000, 0.0000



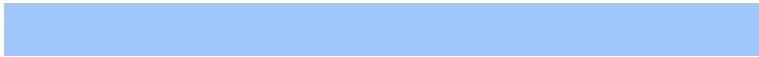
20.3446, 21.4041, 23.3091

Same Dimension

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



42.3227, 44.5402, 74.7738



53.0868, 55.5794, 102.5377



38.3320, 34.9220, 73.1277



12.7704, 13.4804, 16.5811



9.7949, 7.4592, 40.6619



0.7178, 0.6497, 2.6620

Inverse Universe

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



49.2864, 41.1252, 48.5222



64.2255, 50.7483, 60.4059



59.6227, 68.4657, 39.7798



13.2739, 13.1387, 14.7039



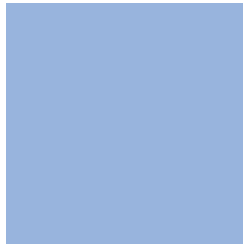
18.4393, 9.3768, 6.6935



1.2366, 0.6243, 0.6548

Previews

White Background



This preview shows how the XYZ color 42.3213, 44.5384, 74.7728 looks on a white background.

Color Contrast Check

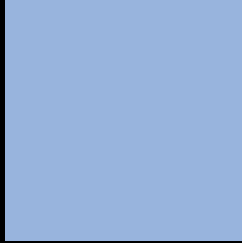
Large Text (above 18pt) WCAG AA × Fail

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 42.3213, 44.5384, 74.7728 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

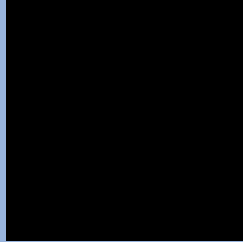
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

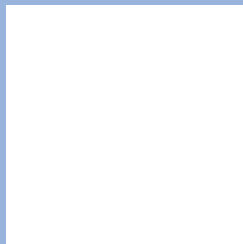
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 42.3213, 44.5384, 74.7728

Background



This preview shows how black text looks on a background with the XYZ color 42.3213, 44.5384, 74.7728.



This preview shows how white text looks on a background with the XYZ color 42.3213, 44.5384,

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

42.3213, 44.5384, 74.7728

Protanopia

44.3287, 44.4375, 72.5706

Deuteranopia

45.3341, 44.3167, 75.2719



Tritanopia

39.4819, 44.6075, 60.5620

Trichromacy



Original Color

42.3213, 44.5384, 74.7728

Protanomaly

43.4086, 44.2401, 73.2692

Deuteranomaly

44.2272, 44.3239, 75.3316

Tritanomaly

40.5904, 44.7615, 65.5320

Monochromacy



Original Color

42.3213, 44.5384, 74.7728

Achromatopsia

41.2663, 43.4154, 47.2793

Achromatomaly

41.1729, 43.4655, 56.0888

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.3213, 44.5384, 74.7728 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(152, 180, 221)` looks like.

```
.text, #text, p{  
    color:rgb(152, 180, 221)  
}
```

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(152, 180, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 180, 221) }
```

Border

The CSS property to change the border of an element to XYZ 42.3213, 44.5384, 74.7728 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(152, 180, 221) }
```


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

```
.border{ border-color:rgb(152, 180, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 180, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 180, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 180, 221);  
box-shadow:4px 4px 4px 4px rgb(152, 180,  
221) }
```

Background

The CSS property to change the background color of an element to XYZ 42.3213, 44.5384, 74.7728 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 180, 221) }
```

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

```
.background{ background-color: rgb(152,  
180, 221) }
```

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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