

Converting Colors

XYZ(41.8640, 46.6520, 72.9446)

Have a look what the booklet for
XYZ(41.8640, 46.6520, 72.9446)
contains.

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Color

**XYZ(41.7529, 46.4422,
73.0933)**

Conversions

Conversions Part 1

Format	Color
Hex	8FBBDA
RGB	143, 187, 218
RGB Percent	56%, 73%, 85%
CMY	0.4392, 0.2667, 0.1451
CMYK	0.34, 0.14, 0.00, 0.15
HSL	205°, 50%, 71%
HSV	205°, 34%, 85%
XYZ	41.7529, 46.4422, 73.0933
YIQ	177.3780, -36.1750, 0.3130

Conversions

Conversions Part 2

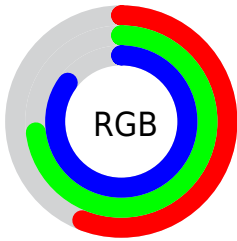
Format	Color
RYB	143, 171, 218
Decimal	9419738
CIELab	73.83, -7.12, -20.24
CIELCh	74, 21.452, 250.629
Yxy	46.4422, 0.2589, 0.2879
Android (android.graphics.Color)	4287609818 (0xFF8FBBDA)
YUV	177.3780, 20.0266, -30.1495
Hunter-Lab	68.1485, -9.8974, -15.8881

Details

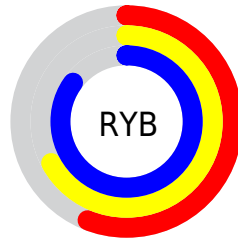
The XYZ color **41.7529, 46.4422, 73.0933** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **49.0083, 47.1615, 32.5080**, and the grayscale version is **41.9014, 44.0835, 48.0070**.

A 20% lighter version of the original color is **73.6538, 83.4633, 106.8358**, and **19.3524, 21.8682, 37.8513** is the 20% darker color. If you saturate the color by 10%, you get **36.4877, 40.9797, 72.3172**, and if you desaturate by 10%, it is **47.8743, 52.5263, 73.9458**.

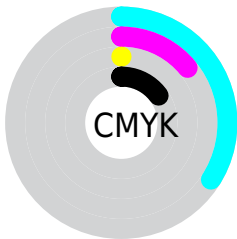
Distribution



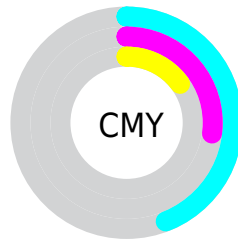
- Red (56%)
- Green (73%)
- Blue (85%)



- Red (56%)
- Yellow (67%)
- Blue (85%)



- Cyan (34%)
- Magenta (14%)
- Yellow (0%)
- Black (15%)



- Cyan (44%)
- Magenta (27%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.7529, 46.4422, 73.0933 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 41.7529, 46.4422, 73.0933 by changing the saturation by 10% instead.

■ 41.7529, 46.4422,
73.0933

■ 41.7529, 46.4422,
73.0933

344.4667,
372.5836, 490.4176

■ 29.0981, 32.5949,
53.5600

■ 77.0930, 84.8804,
125.3318

■ 19.2997, 21.8163,
37.8592

■ 100.5091,
110.2401, 158.8740

■ 11.9923, 13.7220,
25.5724

128.2429,
140.2061, 197.9230

■ 6.8106, 7.9276,
16.2812

160.6599,
175.1627, 242.8972

■ 3.3892, 4.0486,
9.5668

198.1255,
215.4944, 294.2153

■ 1.3628, 1.7008,
5.0109

241.0049,

■ 0.2295, 0.4242,

261.5855, 352.2956

2.1948

289.6635,
313.8204, 417.5569

■ 0.0000, 0.0000,
0.6714

■ 0.0000, 0.0000,
0.0000

■ 41.7529, 46.4422,
73.0933

■ 41.7529, 46.4422,
73.0933

■ 36.4877, 40.9797,
72.3172

■ 47.8743, 52.5263,
73.9458

■ 32.0295, 36.1069,
71.6117

■ 54.8888, 59.2510,
74.8741

■ 28.3305, 31.7970,
70.9747

■ 62.8364, 66.6411,
75.8817

■ 25.3354, 28.0180,
70.4032

■ 71.7533, 74.7181,
76.9707

■ 22.9806, 24.7337,
69.8934

■ 81.6735, 83.5025,
78.1434

■ 21.1890, 21.9006,
69.4409

■ 85.3697, 89.2714,
79.0621

■ 20.3609, 20.4736,
69.2092

■ 88.1042, 94.7404,
79.9736

■ 89.6550, 97.8420,
80.4905

Harmonies

Analogous

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



38.8046, 46.4422, 65.5211



41.7529, 46.4422, 73.0933



45.5091, 46.4422, 74.1581

Triad

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



41.7529, 46.4422, 73.0933



51.7526, 46.4422, 46.7901



39.5347, 46.4422, 36.2384

Complementary

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



41.7529, 46.4422, 73.0933



49.0083, 47.1615, 32.5080

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.



42.8024, 46.4422, 32.5999



41.7529, 46.4422, 73.0933



49.9475, 46.4422, 38.0823

Square

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



41.7529, 46.4422, 73.0933



51.4315, 46.4422, 57.8620



46.6204, 46.4422, 33.2224



37.5759, 46.4422, 43.9137

Rectangle

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



41.7529, 46.4422, 73.0933



47.9864, 46.4422, 70.8887



46.6204, 46.4422, 33.2224



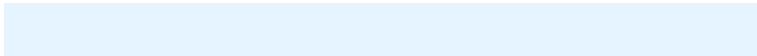
40.5085, 46.4422, 34.5564

Sweetspot

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



41.7544, 46.4440, 73.0944



83.0123, 88.9392, 107.3995



43.9431, 59.0006, 48.6087



17.4298, 18.7209, 22.9448



0.0000, 0.0000, 0.0000



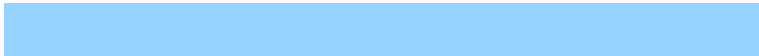
20.3446, 21.4041, 23.3091

Same Dimension

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



41.7544, 46.4440, 73.0944



54.2011, 60.7277, 103.4727



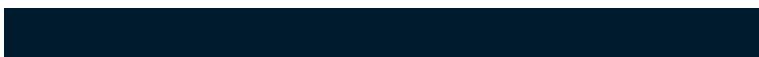
34.9702, 32.8756, 70.8330



12.9703, 13.8803, 16.6477



12.3066, 12.4825, 41.4991



0.8815, 0.9771, 2.7166

Inverse Universe

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



47.7068, 38.1396, 51.8628



64.0752, 47.9593, 68.0270



57.0426, 63.2301, 35.1861



13.3749, 13.1790, 15.2353



19.7071, 9.8839, 13.3696



1.3192, 0.6573, 1.0899

Previews

White Background



This preview shows how the XYZ color 41.7529, 46.4422, 73.0933 looks on a white background.

Color Contrast Check

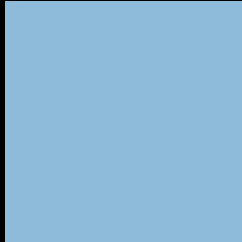
Large Text (above 18pt) WCAG AA × Fail

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 41.7529, 46.4422, 73.0933 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

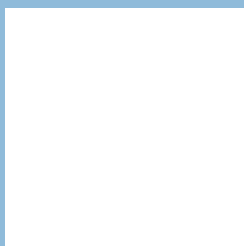
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 41.7529, 46.4422, 73.0933

Background



This preview shows how black text looks on a background with the XYZ color 41.7529, 46.4422, 73.0933.



This preview shows how white text looks on a background with the XYZ color 41.7529, 46.4422,

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

41.7529, 46.4422, 73.0933

Protanopia

45.5859, 46.0430, 69.4353

Deuteranopia

47.2308, 46.1953, 74.1374



Tritanopia

39.9119, 46.3303, 63.9658

Trichromacy



Original Color

41.7529, 46.4422, 73.0933

Protanomaly

44.0979, 46.1487, 70.8734

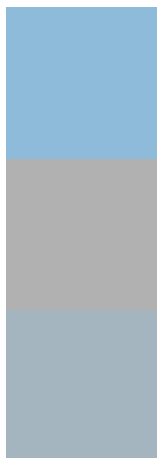
Deuteranomaly

45.0359, 46.2692, 73.5750

Tritanomaly

40.4763, 46.2326, 67.1121

Monochromacy



Original Color

41.7529, 46.4422, 73.0933

Achromatopsia

41.7894, 43.9657, 47.8787

Achromatomaly

41.5554, 44.8529, 56.3364

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.7529, 46.4422, 73.0933 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(143, 187, 218)` looks like.

```
.text, #text, p{  
    color:rgb(143, 187, 218)  
}
```

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(143, 187, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 187, 218) }
```

Border

The CSS property to change the border of an element to XYZ 41.7529, 46.4422, 73.0933 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(143, 187, 218) }
```


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

```
.border{ border-color:rgb(143, 187, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 187, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 187, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 187, 218);  
box-shadow:4px 4px 4px 4px rgb(143, 187,  
218) }
```

Background

The CSS property to change the background color of an element to XYZ 41.7529, 46.4422, 73.0933 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 187, 218) }
```

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

```
.background{ background-color: rgb(143,  
187, 218) }
```

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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