

Converting Colors

XYZ(44.2129, 46.5164, 71.4792)

Have a look what the booklet for
XYZ(44.2129, 46.5164, 71.4792)
contains.

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Color

**XYZ(44.2284, 46.5062,
71.6113)**

Conversions

Conversions Part 1

Format	Color
Hex	A2B7D8
RGB	162, 183, 216
RGB Percent	64%, 72%, 85%
CMY	0.3647, 0.2823, 0.1529
CMYK	0.25, 0.15, 0.00, 0.15
HSL	217°, 41%, 74%
HSV	217°, 25%, 85%
XYZ	44.2284, 46.5062, 71.6113
YIQ	180.4830, -23.1090, 5.8110

Conversions

Conversions Part 2

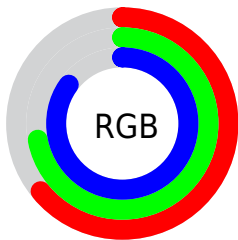
Format	Color
RYB	162, 177, 216
Decimal	10663896
CIELab	73.87, 0.07, -18.98
CIELCh	74, 18.975, 270.226
Yxy	46.5062, 0.2724, 0.2865
Android (android.graphics.Color)	4288853976 (0xFFA2B7D8)
YUV	180.4830, 17.5099, -16.2096
Hunter-Lab	68.1955, -3.5752, -14.5230

Details

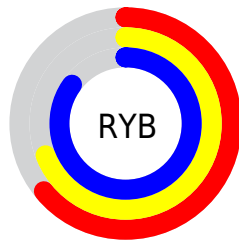
The XYZ color **44.2284, 46.5062, 71.6113** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **54.3561, 56.2380, 42.1736**, and the grayscale version is **43.5608, 45.8293, 49.9082**.

A 20% lighter version of the original color is **77.8299, 83.8584, 106.6920**, and **20.7223, 21.7897, 36.8319** is the 20% darker color. If you saturate the color by 10%, you get **37.6160, 39.2445, 70.5589**, and if you desaturate by 10%, it is **51.8527, 54.6708, 72.7862**.

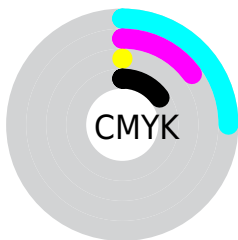
Distribution



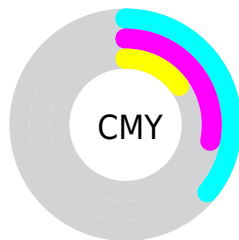
- Red (64%)
- Green (72%)
- Blue (85%)



- Red (64%)
- Yellow (69%)
- Blue (85%)



- Cyan (25%)
- Magenta (15%)
- Yellow (0%)
- Black (15%)



- Cyan (36%)
- Magenta (28%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 44.2284, 46.5062, 71.6113 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 44.2284, 46.5062, 71.6113 by changing the saturation by 10% instead.

■ 44.2284, 46.5062,
71.6113

■ 44.2284, 46.5062,
71.6113

354.4760,
372.8400, 485.1287

■ 31.0488, 32.6455,
52.3563

■ 80.8055, 84.9761,
123.2063

■ 20.7880, 21.8550,
36.9050

■ 104.9338,
110.3540, 156.3834

■ 13.0807, 13.7504,
24.8387

133.4423,
140.3397, 195.0383

■ 7.5615, 7.9473,
15.7390

166.6964,
175.3177, 239.5896

■ 3.8651, 4.0612,
9.1873

205.0614,
215.6724, 290.4557

■ 1.6261, 1.7079,
4.7651

248.9028,

■ 0.4093, 0.4287,

261.7880, 348.0552

2.0538

298.5859,
314.0491, 412.8067

■ 0.0000, 0.0000,
0.5881

■ 0.0000, 0.0000,
0.0000

■ 44.2284, 46.5062,
71.6113

■ 44.2284, 46.5062,
71.6113

■ 37.6160, 39.2445,
70.5589

■ 51.8527, 54.6708,
72.7862

■ 31.9657, 32.8464,
69.6218

■ 60.5269, 63.7645,
74.0842

■ 27.2296, 27.2774,
68.7965

■ 70.2926, 73.8195,
75.5104

■ 23.3539, 22.4984,
68.0783

■ 81.1874, 84.8645,
77.0680

■ 20.2783, 18.4665,
67.4622

■ 87.5106, 93.9696,
78.4922

■ 17.9340, 15.1334,
66.9424

■ 89.3948, 97.7379,
79.1203

■ 16.2379, 12.4431,
66.5125

■ 15.5658, 11.2998,
66.3272

Harmonies

Analogous

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



41.0550, 46.5062, 68.5618



44.2284, 46.5062, 71.6113



47.5541, 46.5062, 68.4720

Triad

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



44.2284, 46.5062, 71.6113



50.0562, 46.5062, 41.8378



38.8009, 46.5062, 41.9499

Complementary

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



44.2284, 46.5062, 71.6113



54.3561, 56.2380, 42.1736

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.



41.0127, 46.5062, 36.2043



44.2284, 46.5062, 71.6113



47.5074, 46.5062, 36.1456

Square

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



44.2284, 46.5062, 71.6113



51.0217, 46.5062, 50.5639



44.1771, 46.5062, 34.2195



38.0201, 46.5062, 50.7108

Rectangle

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



44.2284, 46.5062, 71.6113



49.3855, 46.5062, 63.4955



44.1771, 46.5062, 34.2195



39.3959, 46.5062, 39.6440

Sweetspot

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



44.2298, 46.5081, 71.6124



85.4036, 90.0073, 107.4796



49.2397, 60.7071, 60.3982



18.1098, 19.0878, 22.9798



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.



44.2298, 46.5081, 71.6124



59.1426, 61.9793, 103.4538



41.3370, 39.0588, 70.3270



12.1347, 12.7929, 15.7672



9.3109, 6.8835, 39.2911



0.6408, 0.5736, 2.3962

Inverse Universe

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



49.7876, 43.8597, 50.6434



68.6763, 57.8666, 67.3873



57.8279, 65.5111, 43.7806



12.6212, 12.5000, 13.9455



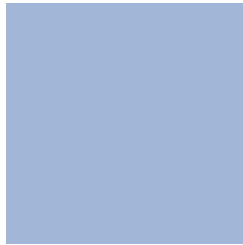
17.7585, 9.0397, 6.0326



1.1111, 0.5612, 0.5743

Previews

White Background



This preview shows how the XYZ color 44.2284, 46.5062, 71.6113 looks on a white background.

Color Contrast Check

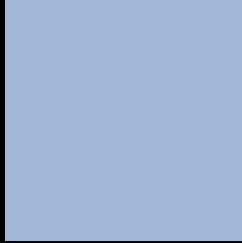
Large Text (above 18pt) WCAG AA × Fail

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 44.2284, 46.5062, 71.6113 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

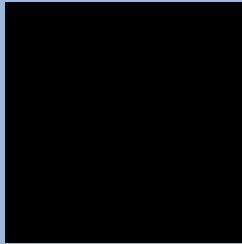
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

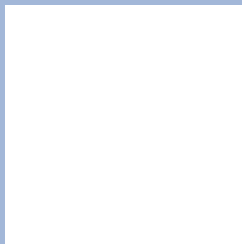
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 44.2284, 46.5062, 71.6113

Background



This preview shows how black text looks on a background with the XYZ color 44.2284, 46.5062, 71.6113.



This preview shows how white text looks on a background with the XYZ color 44.2284, 46.5062,

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

44.2284, 46.5062, 71.6113

Protanopia

45.9144, 46.4962, 70.1730

Deuteranopia

47.3026, 46.2778, 72.0850



Tritanopia

42.2823, 46.6589, 61.4211

Trichromacy



Original Color

44.2284, 46.5062, 71.6113

Protanomaly

45.3672, 46.5001, 70.8743

Deuteranomaly

46.1000, 46.2486, 72.1428

Tritanomaly

42.9867, 46.6277, 65.1269

Monochromacy



Original Color

44.2284, 46.5062, 71.6113

Achromatopsia

43.3819, 45.6411, 49.7032

Achromatomaly

43.3831, 45.7822, 57.0024

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.2284, 46.5062, 71.6113 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(162, 183, 216)` looks like.

```
.text, #text, p{  
    color:rgb(162, 183, 216)  
}
```

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(162, 183, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 183, 216) }
```

Border

The CSS property to change the border of an element to XYZ 44.2284, 46.5062, 71.6113 is called "border". The border property can be set on classes, ids or directly on the HTML element.

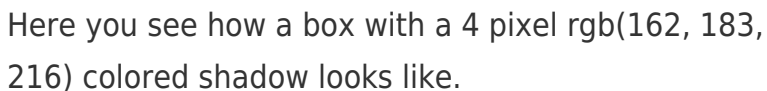
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(162, 183, 216) }
```


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

```
.border{ border-color:rgb(162, 183, 216) }
```

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



Here you see how a box with a 4 pixel `rgb(162, 183, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(162, 183, 216); -webkit-box-shadow:4px 4px 4px 4px rgb(162, 183, 216); box-shadow:4px 4px 4px 4px rgb(162, 183, 216) }
```

Background

The CSS property to change the background color of an element to XYZ 44.2284, 46.5062, 71.6113 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 183, 216) }
```

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

```
.background{ background-color: rgb(162,  
183, 216) }
```

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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