

Converting Colors

XYZ(41.3663, 47.2574, 70.5597)

Have a look what the booklet for
XYZ(41.3663, 47.2574, 70.5597)
contains.

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Color

**XYZ(41.3663, 47.2574,
70.5597)**

Conversions

Conversions Part 1

Format	Color
Hex	8CBED6
RGB	140, 190, 214
RGB Percent	55%, 75%, 84%
CMY	0.4510, 0.2549, 0.1608
CMYK	0.35, 0.11, 0.00, 0.16
HSL	199°, 47%, 69%
HSV	199°, 35%, 84%
XYZ	41.3663, 47.2574, 70.5597
YIQ	177.7860, -37.5040, -3.1360

Conversions

Conversions Part 2

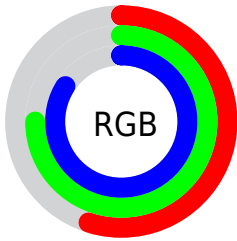
Format	Color
RYB	140, 170, 214
Decimal	9223894
CIELab	74.35, -10.54, -17.29
CIELCh	74, 20.252, 238.623
Yxy	47.2574, 0.2599, 0.2969
Android (android.graphics.Color)	4287413974 (0xFF8CBED6)
YUV	177.7860, 17.8535, -33.1383
Hunter-Lab	68.7440, -12.8907, -12.7352

Details

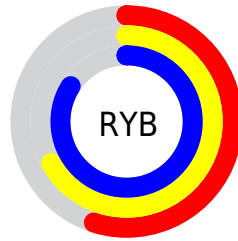
The XYZ color **41.3663, 47.2574, 70.5597** is a light color, and the websafe version is hex **99CCCC**, and the color name is **dark sky blue**. A complement of this color would be **45.7415, 42.7413, 30.6513**, and the grayscale version is **42.1279, 44.3219, 48.2665**.

A 20% lighter version of the original color is **73.7707, 84.8673, 107.1006**, and **19.1341, 22.4208, 36.1201** is the 20% darker color. If you saturate the color by 10%, you get **36.6377, 42.6421, 69.9189**, and if you desaturate by 10%, it is **46.8706, 52.3811, 71.2594**.

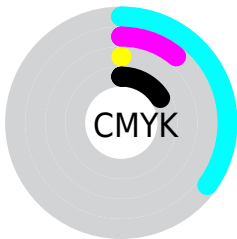
Distribution



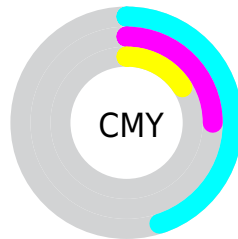
- Red (55%)
- Green (75%)
- Blue (84%)



- Red (55%)
- Yellow (67%)
- Blue (84%)



- Cyan (35%)
- Magenta (11%)
- Yellow (0%)
- Black (16%)



- Cyan (45%)
- Magenta (25%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.3663, 47.2574, 70.5597 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 41.3663, 47.2574, 70.5597 by changing the saturation by 10% instead.

■ 41.3663, 47.2574,
70.5597

■ 41.3663, 47.2574,
70.5597

342.8857,
375.8410, 481.3549

■ 28.7943, 33.2392,
51.5033

■ 76.5108, 86.0977,
121.6952

■ 19.0688, 22.3097,
36.2298

■ 99.8141, 111.6886,
154.6114

■ 11.8243, 14.0847,
24.3207

■ 127.4253,
141.9058, 192.9846

■ 6.6955, 8.1796,
15.3573

159.7096,
177.1338, 237.2333

■ 3.3170, 4.2101,
8.9211

197.0324,
217.7569, 287.7762

■ 1.3236, 1.7918,
4.5936

239.7592,

■ 0.2007, 0.4820,

264.1596, 345.0318

1.9563

288.2551,
316.7261, 409.4185

■ 0.0000, 0.0000,
0.5282

■ 0.0000, 0.0000,
0.0000

■ 41.3663, 47.2574,
70.5597

■ 41.3663, 47.2574,
70.5597

■ 36.6377, 42.6421,
69.9189

■ 46.8706, 52.3811,
71.2594

■ 32.6387, 38.5066,
69.3314

■ 53.1848, 58.0288,
72.0167

■ 29.3247, 34.8276,
68.7960

■ 60.3461, 64.2224,
72.8347

■ 26.6439, 31.5769,
68.3098

■ 68.3880, 70.9804,
73.7153

■ 24.5368, 28.7220,
67.8698

■ 77.3423, 78.3206,
74.6602

■ 22.9307, 26.2241,
67.4723

■ 82.1344, 83.6283,
75.4321

■ 22.2021, 24.9838,
67.2713

■ 84.1228, 87.6051,
76.0949

■ 86.1891, 91.7378,
76.7837

■ 88.3343, 96.0282,
77.4987

Harmonies

Analogous

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



39.0426, 47.2574, 61.6793



41.3663, 47.2574, 70.5597



44.7485, 47.2574, 74.2370

Triad

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



41.3663, 47.2574, 70.5597



52.2921, 47.2574, 51.9392



41.6431, 47.2574, 35.7739

Complementary

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



41.3663, 47.2574, 70.5597



45.7415, 42.7413, 30.6513

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.



45.0854, 47.2574, 33.8880



41.3663, 47.2574, 70.5597



51.3524, 47.2574, 42.4285

Square

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



41.3663, 47.2574, 70.5597



51.1685, 47.2574, 62.6270



48.6647, 47.2574, 36.1538



39.1962, 47.2574, 41.6980

Rectangle

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



41.3663, 47.2574, 70.5597



47.1916, 47.2574, 72.9108



48.6647, 47.2574, 36.1538



42.7162, 47.2574, 34.6851

Sweetspot

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



41.3678, 47.2593, 70.5608



83.7012, 90.3170, 107.6291



41.5127, 56.3295, 43.5403



17.5968, 19.0548, 23.0005



0.0000, 0.0000, 0.0000



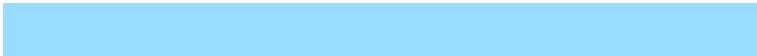
20.3446, 21.4041, 23.3091

Same Dimension

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



41.3678, 47.2593, 70.5608



56.5919, 65.5093, 104.2696



34.4383, 33.4003, 68.2510



12.4369, 13.3973, 15.8680



13.5177, 15.2972, 40.6934



0.8890, 1.0701, 2.4790

Inverse Universe

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



46.4052, 36.7714, 53.3689



65.2820, 48.4421, 74.3818



53.2210, 57.7002, 33.1445



12.7737, 12.5610, 14.7488



19.8820, 9.8891, 17.2144



1.2364, 0.6113, 1.2342

Previews

White Background



This preview shows how the XYZ color 41.3663, 47.2574, 70.5597 looks on a white background.

Color Contrast Check

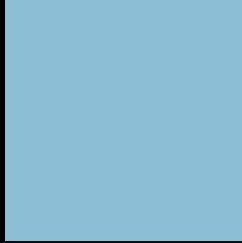
Large Text (above 18pt) WCAG AA × Fail

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 41.3663, 47.2574, 70.5597 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

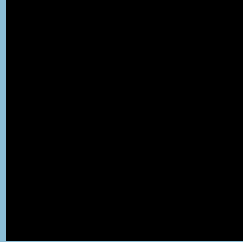
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.3663, 47.2574, 70.5597

Background



This preview shows how black text looks on a background with the XYZ color 41.3663, 47.2574, 70.5597.



This preview shows how white text looks on a background with the XYZ color 41.3663, 47.2574,

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

41.3663, 47.2574, 70.5597

Protanopia

46.2691, 47.0668, 66.3207

Deuteranopia

47.9732, 46.9178, 72.1732



Tritanopia

40.3745, 47.1699, 66.0082

Trichromacy



Original Color

41.3663, 47.2574, 70.5597

Protanomaly

44.0832, 46.8266, 67.6878

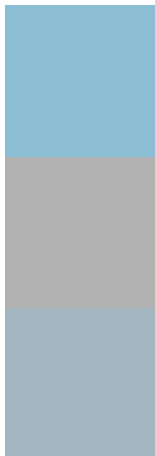
Deuteranomaly

45.0590, 46.6293, 71.5912

Tritanomaly

40.9111, 47.4037, 67.9664

Monochromacy



Original Color

41.3663, 47.2574, 70.5597

Achromatopsia

42.3164, 44.5201, 48.4824

Achromatomaly

41.4418, 45.1100, 55.8131

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.3663, 47.2574, 70.5597 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(140, 190, 214)` looks like.

```
.text, #text, p{  
    color:rgb(140, 190, 214)  
}
```

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(140, 190, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 190, 214) }
```

Border

The CSS property to change the border of an element to XYZ 41.3663, 47.2574, 70.5597 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(140, 190, 214) }
```


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

```
.border{ border-color:rgb(140, 190, 214) }
```

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

Here you see how a box with a 4 pixel rgb(140, 190, 214) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 190, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 190, 214);  
box-shadow:4px 4px 4px 4px rgb(140, 190,  
214) }
```

Background

The CSS property to change the background color of an element to XYZ 41.3663, 47.2574, 70.5597 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 190, 214) }
```

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

```
.background{ background-color: rgb(140,  
190, 214) }
```

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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