

Converting Colors

XYZ(43.3878, 47.7621, 77.6816)

Have a look what the booklet for
XYZ(43.3878, 47.7621, 77.6816)
contains.

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Color

**XYZ(43.3292, 47.7968,
77.4630)**

Conversions

Conversions Part 1

Format	Color
Hex	91BDE0
RGB	145, 189, 224
RGB Percent	57%, 74%, 88%
CMY	0.4314, 0.2588, 0.1216
CMYK	0.35, 0.16, 0.00, 0.12
HSL	207°, 56%, 72%
HSV	207°, 35%, 88%
XYZ	43.3292, 47.7968, 77.4630
YIQ	179.8340, -37.4590, 1.5570

Conversions

Conversions Part 2

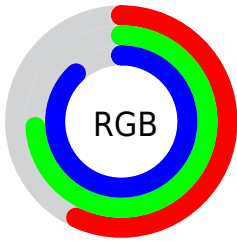
Format	Color
RYB	145, 173, 224
Decimal	9551328
CIELab	74.70, -6.12, -22.17
CIELCh	75, 22.998, 254.568
Yxy	47.7968, 0.2570, 0.2835
Android (android.graphics.Color)	4287741408 (0xFF91BDE0)
YUV	179.8340, 21.7738, -30.5494
Hunter-Lab	69.1352, -9.1151, -18.0372

Details

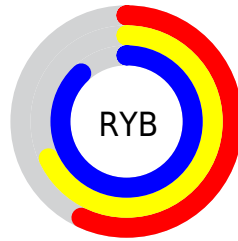
The XYZ color **43.3292, 47.7968, 77.4630** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **52.1734, 50.5348, 33.7938**, and the grayscale version is **43.1960, 45.4456, 49.4902**.

A 20% lighter version of the original color is **74.7898, 84.9423, 107.0614**, and **20.2800, 22.6970, 40.8482** is the 20% darker color. If you saturate the color by 10%, you get **37.7026, 41.8359, 76.6098**, and if you desaturate by 10%, it is **49.8831, 54.4548, 78.4035**.

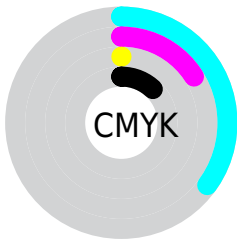
Distribution



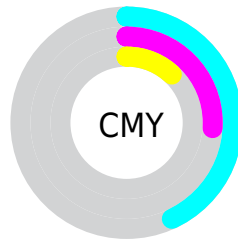
- Red (57%)
- Green (74%)
- Blue (88%)



- Red (57%)
- Yellow (68%)
- Blue (88%)



- Cyan (35%)
- Magenta (16%)
- Yellow (0%)
- Black (12%)



- Cyan (43%)
- Magenta (26%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.3292, 47.7968, 77.4630 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 43.3292, 47.7968, 77.4630 by changing the saturation by 10% instead.

■ 43.3292, 47.7968,
77.4630

■ 43.3292, 47.7968,
77.4630

350.8625,
377.9861, 505.8207

■ 30.3391, 33.6660,
57.1191

■ 79.4600, 86.9018,
131.5718

■ 20.2455, 22.6371,
40.6909

■ 103.3315,
112.6448, 166.1738

■ 12.6829, 14.3258,
27.7598

131.5608,
143.0272, 206.3657

■ 7.2861, 8.3476,
17.9072

164.5133,
178.4336, 252.5658

■ 3.6896, 4.3182,
10.7146

202.5544,
219.2483, 305.1929

■ 1.5280, 1.8531,
5.7635

246.0494,

■ 0.3448, 0.5199,

265.8557, 364.6654

2.6354

295.3636,
318.6402, 431.4018

■ 0.0000, 0.0000,
0.9106

■ 0.0000, 0.0000,
0.0000

■ 43.3292, 47.7968,
77.4630

■ 43.3292, 47.7968,
77.4630

■ 37.7026, 41.8359,
76.6098

■ 49.8831, 54.4548,
78.4035

■ 32.9498, 36.5369,
75.8375

■ 57.4048, 61.8316,
79.4310

■ 29.0186, 31.8696,
75.1438

■ 65.9376, 69.9548,
80.5492

■ 25.8488, 27.7983,
74.5251

■ 75.5209, 78.8485,
81.7607

■ 23.3705, 24.2822,
73.9770

■ 85.4507, 88.1538,
83.0335

■ 21.4987, 21.2727,
73.4948

■ 88.4301, 94.1127,
84.0266

■ 20.7585, 19.9895,
73.2861

■ 90.4547, 98.1619,
84.7015

Harmonies

Analogous

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



39.9535, 47.7968, 69.8766



43.3292, 47.7968, 77.4630



47.4761, 47.7968, 77.5799

Triad

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



43.3292, 47.7968, 77.4630



53.6395, 47.7968, 46.4780



40.0321, 47.7968, 37.3382

Complementary

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



43.3292, 47.7968, 77.4630



52.1734, 50.5348, 33.7938

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.



43.4424, 47.7968, 32.8321



43.3292, 47.7968, 77.4630



51.3841, 47.7968, 37.5347

Square

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



43.3292, 47.7968, 77.4630



53.6046, 47.7968, 58.3949



47.5964, 47.7968, 32.8981



38.1308, 47.7968, 46.1686

Rectangle

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



43.3292, 47.7968, 77.4630



50.1321, 47.7968, 73.3331



47.5964, 47.7968, 32.8981



41.0305, 47.7968, 35.3319

Sweetspot

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



43.3307, 47.7987, 77.4641



81.6358, 87.3888, 107.1728



46.4942, 62.5962, 52.4047



17.1449, 18.3907, 22.8961



0.0000, 0.0000, 0.0000



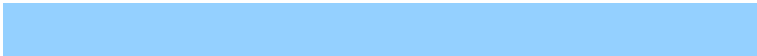
20.3446, 21.4041, 23.3091

Same Dimension

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



43.3307, 47.7987, 77.4641



52.6916, 58.4005, 103.1030



36.0818, 33.3009, 75.0478



13.5820, 14.5031, 17.4712



12.1993, 11.8681, 42.6962



0.9344, 1.0003, 2.9891

Inverse Universe

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



50.0524, 39.7736, 53.1852



63.1444, 46.9405, 65.1187



61.1143, 68.4166, 36.7741



14.0252, 13.8277, 15.9031



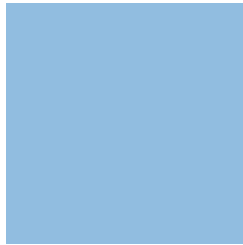
20.0978, 10.1061, 12.4469



1.4379, 0.7184, 1.0989

Previews

White Background



This preview shows how the XYZ color 43.3292, 47.7968, 77.4630 looks on a white background.

Color Contrast Check

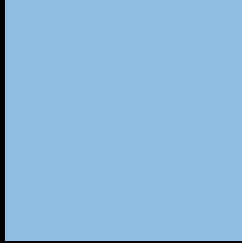
Large Text (above 18pt) WCAG AA × Fail

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 43.3292, 47.7968, 77.4630 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

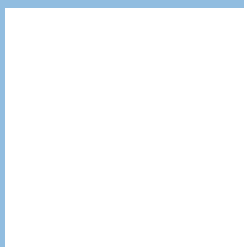
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 43.3292, 47.7968, 77.4630

Background



This preview shows how black text looks on a background with the XYZ color 43.3292, 47.7968, 77.4630.



This preview shows how white text looks on a background with the XYZ color 43.3292, 47.7968,

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

43.3292, 47.7968, 77.4630

Protanopia

47.1933, 47.6843, 73.7345

Deuteranopia

48.4380, 47.3149, 78.5312



Tritanopia

41.0966, 47.8670, 66.1047

Trichromacy



Original Color

43.3292, 47.7968, 77.4630

Protanomaly

45.7099, 47.8109, 75.2259

Deuteranomaly

46.4604, 47.5187, 77.9575

Tritanomaly

41.7964, 47.8165, 69.9774

Monochromacy



Original Color

43.3292, 47.7968, 77.4630

Achromatopsia

43.3819, 45.6411, 49.7032

Achromatomaly

42.8336, 46.0680, 58.8590

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.3292, 47.7968, 77.4630 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(145, 189, 224)` looks like.

```
.text, #text, p{  
    color:rgb(145, 189, 224)  
}
```

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(145, 189, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 189, 224) }
```

Border

The CSS property to change the border of an element to XYZ 43.3292, 47.7968, 77.4630 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(145, 189, 224) }
```


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

```
.border{ border-color:rgb(145, 189, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 189, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 189, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 189, 224);  
box-shadow:4px 4px 4px 4px rgb(145, 189,  
224) }
```

Background

The CSS property to change the background color of an element to XYZ 43.3292, 47.7968, 77.4630 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 189, 224) }
```

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

```
.background{ background-color: rgb(145,  
189, 224) }
```

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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