

Converting Colors

XYZ(43.9398, 49.6941, 75.7211)

Have a look what the booklet for
XYZ(43.9398, 49.6941, 75.7211)
contains.

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Color

**XYZ(44.0200, 49.8238,
75.7035)**

Conversions

Conversions Part 1

Format	Color
Hex	91C2DD
RGB	145, 194, 221
RGB Percent	57%, 76%, 87%
CMY	0.4314, 0.2392, 0.1333
CMYK	0.34, 0.12, 0.00, 0.13
HSL	201°, 53%, 72%
HSV	201°, 34%, 87%
XYZ	44.0200, 49.8238, 75.7035
YIQ	182.4270, -37.8710, -1.9910

Conversions

Conversions Part 2

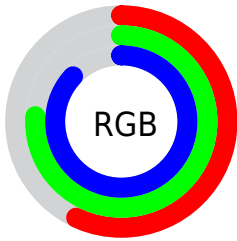
Format	Color
RYB	145, 175, 221
Decimal	9552605
CIELab	75.96, -9.54, -18.63
CIELCh	76, 20.926, 242.891
Yxy	49.8238, 0.2596, 0.2939
Android (android.graphics.Color)	4287742685 (0xFF91C2DD)
YUV	182.4270, 19.0165, -32.8235
Hunter-Lab	70.5860, -12.2063, -14.1784

Details

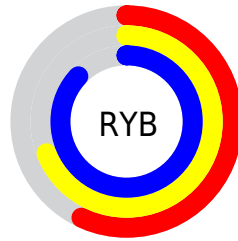
The XYZ color **44.0200, 49.8238, 75.7035** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **49.6830, 46.9222, 33.2277**, and the grayscale version is **44.6118, 46.9350, 51.1123**.

A 20% lighter version of the original color is **76.3230, 88.0087, 107.5725**, and **20.5754, 23.7335, 39.5730** is the 20% darker color. If you saturate the color by 10%, you get **38.7970, 44.6065, 74.9726**, and if you desaturate by 10%, it is **50.0959, 55.6201, 76.5029**.

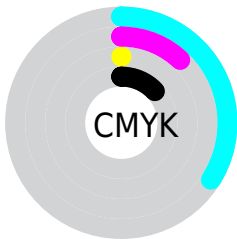
Distribution



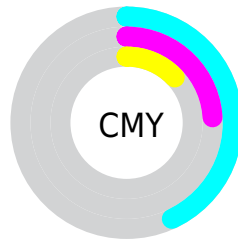
- Red (57%)
- Green (76%)
- Blue (87%)



- Red (57%)
- Yellow (69%)
- Blue (87%)



- Cyan (34%)
- Magenta (12%)
- Yellow (0%)
- Black (13%)



- Cyan (43%)
- Magenta (24%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 44.0200, 49.8238, 75.7035 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 44.0200, 49.8238, 75.7035 by changing the saturation by 10% instead.

■ 44.0200, 49.8238,
75.7035

■ 44.0200, 49.8238,
75.7035

353.6407,
385.9765, 499.6519

■ 30.8842, 35.2734,
55.6842

■ 80.4940, 89.9138,
129.0639

■ 20.6621, 23.8736,
39.5475

■ 104.5629,
116.2221, 163.2422

■ 12.9883, 15.2399,
26.8748

133.0069,
147.2186, 202.9772

■ 7.4974, 8.9879,
17.2476

166.1914,
183.2876, 248.6874

■ 3.8242, 4.7333,
10.2474

204.4816,
224.8135, 300.7915

■ 1.6031, 2.0916,
5.4555

248.2430,

■ 0.3945, 0.6599,

272.1806, 359.7079

2.4536

297.8409,
325.7735, 425.8552

■ 0.0000, 0.0000,
0.8154

■ 0.0000, 0.0000,
0.0000

■ 44.0200, 49.8238,
75.7035

■ 44.0200, 49.8238,
75.7035

■ 38.7970, 44.6065,
74.9726

■ 50.0959, 55.6201,
76.5029

■ 34.3766, 39.9369,
74.3043

■ 57.0621, 62.0133,
77.3698

■ 30.7105, 35.7889,
73.6968

■ 64.9589, 69.0273,
78.3074

■ 27.7424, 32.1313,
73.1473

■ 73.8230, 76.6831,
79.3179

■ 25.4073, 28.9285,
72.6522

■ 83.5033, 84.9046,
80.3946

■ 23.6265, 26.1374,
72.2073

■ 85.7789, 89.4557,
81.1531

■ 22.7977, 24.7134,
71.9761

■ 88.1546, 94.2071,
81.9450

■ 90.0513, 98.0005,
82.5773

Harmonies

Analogous

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



41.3333, 49.8238, 66.7699



44.0200, 49.8238, 75.7035



47.7353, 49.8238, 78.6535

Triad

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



44.0200, 49.8238, 75.7035



55.2483, 49.8238, 53.1734



43.3988, 49.8238, 38.1384

Complementary

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



44.0200, 49.8238, 75.7035



49.6830, 46.9222, 33.2277

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.



46.9787, 49.8238, 35.5010



44.0200, 49.8238, 75.7035



53.9371, 49.8238, 43.4014

Square

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



44.0200, 49.8238, 75.7035



54.3507, 49.8238, 64.6378



50.8565, 49.8238, 37.2882



40.9888, 49.8238, 45.0388

Rectangle

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



44.0200, 49.8238, 75.7035



50.3337, 49.8238, 76.5408



50.8565, 49.8238, 37.2882



44.4982, 49.8238, 36.7703

Sweetspot

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



44.0216, 49.8258, 75.7047



83.4608, 89.8362, 107.5490



44.9427, 60.6969, 48.1769



17.5385, 18.9382, 22.9810



0.0000, 0.0000, 0.0000



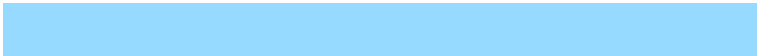
20.3446, 21.4041, 23.3091

Same Dimension

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



44.0216, 49.8258, 75.7047



55.7456, 63.8167, 103.9875



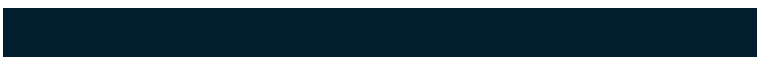
36.6852, 35.1530, 73.2592



13.0355, 14.0107, 16.6694



13.3538, 14.5771, 41.8482



0.9452, 1.1046, 2.7378

Inverse Universe

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



49.6831, 39.5194, 56.0505



64.8548, 48.2712, 72.1323



57.8786, 63.3135, 35.9596



13.4078, 13.1922, 15.4086



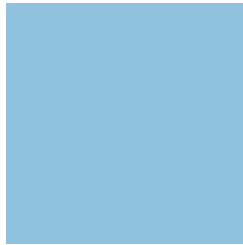
20.2357, 10.0953, 16.1533



1.3514, 0.6702, 1.2594

Previews

White Background



This preview shows how the XYZ color 44.0200, 49.8238, 75.7035 looks on a white background.

Color Contrast Check

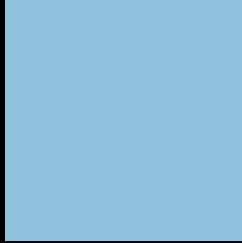
Large Text (above 18pt) WCAG AA × Fail

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 44.0200, 49.8238, 75.7035 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

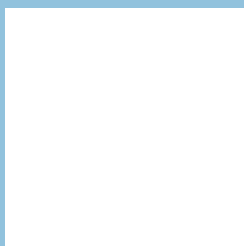
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 44.0200, 49.8238, 75.7035

Background



This preview shows how black text looks on a background with the XYZ color 44.0200, 49.8238, 75.7035.



This preview shows how white text looks on a background with the XYZ color 44.0200, 49.8238,

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

44.0200, 49.8238, 75.7035

Protanopia

48.6708, 49.4280, 71.2653

Deuteranopia

50.5407, 49.3484, 76.6734



Tritanopia

42.8255, 50.0226, 69.0262

Trichromacy



Original Color

44.0200, 49.8238, 75.7035

Protanomaly

46.6561, 49.3010, 72.7027

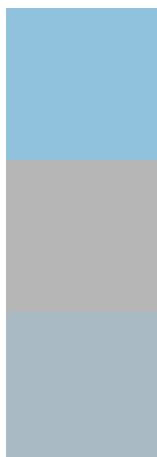
Deuteranomaly

47.7570, 49.1624, 76.0795

Tritanomaly

43.2824, 49.8658, 71.6338

Monochromacy



Original Color

44.0200, 49.8238, 75.7035

Achromatopsia

44.4628, 46.7784, 50.9417

Achromatomaly

43.8849, 47.5383, 59.0874

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.0200, 49.8238, 75.7035 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, 194, 221)` looks like.

```
.text, #text, p{  
    color:rgb(145, 194, 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(145, 194, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 194, 221) }
```

Border

The CSS property to change the border of an element to XYZ 44.0200, 49.8238, 75.7035 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, 194, 221) }
```


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

```
.border{ border-color:rgb(145, 194, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 194, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 194, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 194, 221);  
box-shadow:4px 4px 4px 4px rgb(145, 194,  
221) }
```

Background

The CSS property to change the background color of an element to XYZ 44.0200, 49.8238, 75.7035 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 194, 221) }
```

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

```
.background{ background-color: rgb(145,  
194, 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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