

Converting Colors

XYZ(45.4448, 52.6643, 71.2172)

Have a look what the booklet for
XYZ(45.4448, 52.6643, 71.2172)
contains.

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Color

**XYZ(45.5544, 52.7429,
71.3978)**

Conversions

Conversions Part 1

Format	Color
Hex	97C8D6
RGB	151, 200, 214
RGB Percent	59%, 78%, 84%
CMY	0.4078, 0.2157, 0.1608
CMYK	0.29, 0.07, 0.00, 0.16
HSL	193°, 43%, 72%
HSV	193°, 29%, 84%
XYZ	45.5544, 52.7429, 71.3978
YIQ	186.9450, -33.6980, -6.0340

Conversions

Conversions Part 2

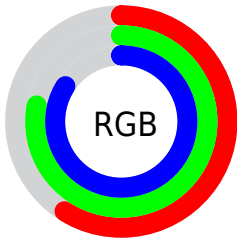
Format	Color
RYB	151, 179, 214
Decimal	9947350
CIELab	77.72, -12.69, -12.16
CIELCh	78, 17.576, 223.796
Yxy	52.7429, 0.2684, 0.3108
Android (android.graphics.Color)	4288137430 (0xFF97C8D6)
YUV	186.9450, 13.3381, -31.5238
Hunter-Lab	72.6243, -15.1264, -7.4517

Details

The XYZ color **45.5544, 52.7429, 71.3978** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **46.7734, 43.4413, 35.1992**, and the grayscale version is **47.1452, 49.6004, 54.0148**.

A 20% lighter version of the original color is **79.5421, 92.0054, 108.1742**, and **21.5739, 25.6576, 36.6162** is the 20% darker color. If you saturate the color by 10%, you get **40.8538, 48.7114, 70.8683**, and if you desaturate by 10%, it is **51.0133, 57.2187, 71.9749**.

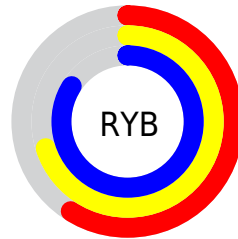
Distribution



Red (59%)

Green (78%)

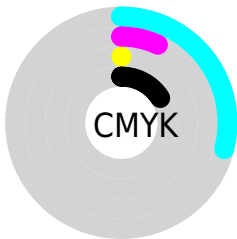
Blue (84%)



Red (59%)

Yellow (70%)

Blue (84%)

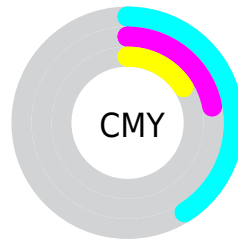


Cyan (29%)

Magenta (7%)

Yellow (0%)

Black (16%)



Cyan (41%)

Magenta (22%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 45.5544, 52.7429, 71.3978 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 45.5544, 52.7429, 71.3978 by changing the saturation by 10% instead.

■ 45.5544, 52.7429,
71.3978

■ 45.5544, 52.7429,
71.3978

359.7603,
397.2980, 484.3639

■ 32.0975, 37.5976,
52.1831

■ 82.7837, 94.2259,
122.8997

■ 21.5919, 25.6705,
36.7678

■ 107.2867,
121.3324, 156.0240

■ 13.6722, 16.5773,
24.7334

136.2025,
153.1948, 194.6218

■ 7.9732, 9.9336,
15.6613

169.8965,
190.1974, 239.1118

■ 4.1295, 5.3549,
9.1331

208.7338,
232.7246, 289.9125

■ 1.7756, 2.4570,
4.7301

253.0800,

■ 0.5029, 0.8550,

281.1608, 347.4424

2.0338

303.3004,
335.8905, 412.1200

■ 0.0000, 0.0000,
0.5760

■ 0.0000, 0.0000,
0.0000

■ 45.5544, 52.7429,
71.3978

■ 45.5544, 52.7429,
71.3978

■ 40.8538, 48.7114,
70.8683

■ 51.0133, 57.2187,
71.9749

■ 36.8674, 45.0972,
70.3808

■ 57.2621, 62.1518,
72.5977

■ 33.5538, 41.8798,
69.9344

■ 64.3365, 67.5622,
73.2692

■ 30.8651, 39.0340,
69.5268

■ 72.2682, 73.4667,
73.9908

■ 28.7469, 36.5313,
69.1554

■ 79.9739, 79.3073,
74.7120

■ 27.1348, 34.3379,
68.8170

■ 81.2681, 81.8957,
75.1434

■ 25.9202, 32.3976,
68.5065

■ 82.5983, 84.5562,
75.5868

■ 25.8564, 32.2923,
68.4895

■ 83.9648, 87.2892,
76.0423

■ 85.3679, 90.0954,
76.5100

Harmonies

Analogous

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



44.0409, 52.7429, 62.0134



45.5544, 52.7429, 71.3978



48.3267, 52.7429, 77.3675

Triad

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



45.5544, 52.7429, 71.3978



56.6799, 52.7429, 62.8178



48.5864, 52.7429, 41.0843

Complementary

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



45.5544, 52.7429, 71.3978



46.7734, 43.4413, 35.1992

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.



51.9788, 52.7429, 41.2476



45.5544, 52.7429, 71.3978



56.7572, 52.7429, 53.0745

Square

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



45.5544, 52.7429, 71.3978



54.7967, 52.7429, 72.0438



55.0033, 52.7429, 45.4108



45.7371, 52.7429, 44.9361

Rectangle

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



45.5544, 52.7429, 71.3978



50.5649, 52.7429, 78.2286



55.0033, 52.7429, 45.4108



49.6987, 52.7429, 40.6860

Sweetspot

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



45.5560, 52.7450, 71.3990



85.4997, 92.6937, 107.9931



43.5699, 57.3774, 44.2104



17.9906, 19.5994, 23.0848



0.0000, 0.0000, 0.0000



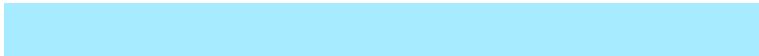
20.3446, 21.4041, 23.3091

Same Dimension

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



45.5560, 52.7450, 71.3990



63.4804, 74.8138, 105.7025



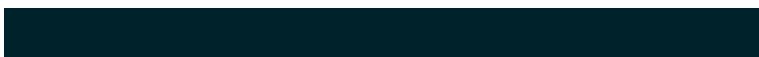
39.0614, 39.7558, 69.2341



12.5473, 13.6179, 15.9047



15.7087, 19.6792, 41.4237



1.0065, 1.3050, 2.5182

Inverse Universe

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



49.2248, 40.6009, 59.8882



69.8507, 54.4496, 85.5540



53.0923, 56.0792, 37.3056



12.8294, 12.5833, 15.0420



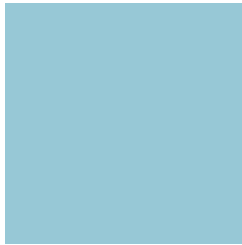
20.9879, 10.3315, 23.0380



1.2957, 0.6351, 1.5464

Previews

White Background



This preview shows how the XYZ color 45.5544, 52.7429, 71.3978 looks on a white background.

Color Contrast Check

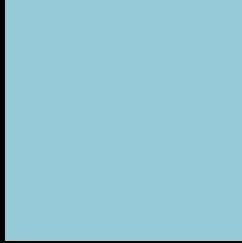
Large Text (above 18pt) WCAG AA × Fail

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 45.5544, 52.7429, 71.3978 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

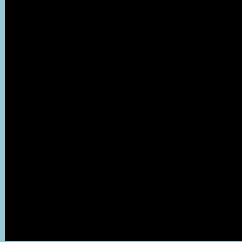
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 45.5544, 52.7429, 71.3978

Background



This preview shows how black text looks on a background with the XYZ color 45.5544, 52.7429, 71.3978.



This preview shows how white text looks on a background with the XYZ color 45.5544, 52.7429,

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

45.5544, 52.7429, 71.3978

Protanopia

51.0338, 52.3281, 67.0851

Deuteranopia

53.5834, 52.5562, 72.9658



Tritanopia

45.8114, 52.8457, 72.7515

Trichromacy



Original Color

45.5544, 52.7429, 71.3978

Protanomaly

48.8291, 52.4668, 68.5263

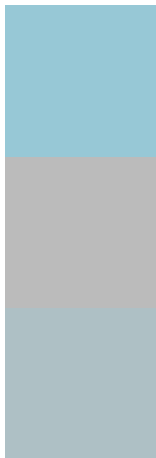
Deuteranomaly

50.3004, 52.4809, 72.4445

Tritanomaly

45.6825, 52.7942, 72.0725

Monochromacy



Original Color

45.5544, 52.7429, 71.3978

Achromatopsia

47.2335, 49.6933, 54.1160

Achromatomaly

46.3832, 50.7292, 60.1704

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.5544, 52.7429, 71.3978 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(151, 200, 214)` looks like.

```
.text, #text, p{  
    color:rgb(151, 200, 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(151, 200, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 200, 214) }
```

Border

The CSS property to change the border of an element to XYZ 45.5544, 52.7429, 71.3978 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(151, 200, 214) }
```


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

```
.border{ border-color:rgb(151, 200, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 200, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 200, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 200, 214);  
box-shadow:4px 4px 4px 4px rgb(151, 200,  
214) }
```

Background

The CSS property to change the background color of an element to XYZ 45.5544, 52.7429, 71.3978 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 200, 214) }
```

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

```
.background{ background-color: rgb(151,  
200, 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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