

Converting Colors

XYZ(52.6855, 70.2117, 72.1974)

Have a look what the booklet for
XYZ(52.6855, 70.2117, 72.1974)
contains.

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Color

**XYZ(52.7378, 70.3568,
72.4287)**

Conversions

Conversions Part 1

Format	Color
Hex	8DECD3
RGB	141, 236, 211
RGB Percent	55%, 93%, 83%
CMY	0.4470, 0.0745, 0.1725
CMYK	0.40, 0.00, 0.11, 0.07
HSL	164°, 71%, 74%
HSV	164°, 40%, 93%
XYZ	52.7378, 70.3568, 72.4287
YIQ	204.7450, -48.5950, -27.9150

Conversions

Conversions Part 2

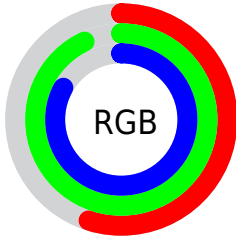
Format	Color
RYB	141, 196, 236
Decimal	9301203
CIELab	87.17, -33.84, 3.29
CIELCh	87, 34.001, 174.440
Yxy	70.3568, 0.2697, 0.3598
Android (android.graphics.Color)	4287491283 (0xFF8DECD3)
YUV	204.7450, 3.0837, -55.9044
Hunter-Lab	83.8790, -34.5586, 7.5189

Details

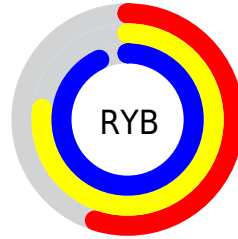
The XYZ color **52.7378, 70.3568, 72.4287** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **51.0022, 39.6375, 41.0416**, and the grayscale version is **57.8711, 60.8849, 66.3036**.

A 20% lighter version of the original color is **77.0987, 90.7458, 108.0599**, and **26.1534, 37.0081, 37.6631** is the 20% darker color. If you saturate the color by 10%, you get **48.3812, 68.2009, 68.2394**, and if you desaturate by 10%, it is **57.9835, 72.9711, 76.8198**.

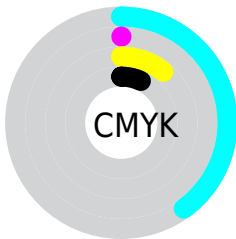
Distribution



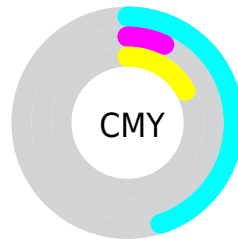
- Red (55%)
- Green (93%)
- Blue (83%)



- Red (55%)
- Yellow (77%)
- Blue (93%)



- Cyan (40%)
- Magenta (0%)
- Yellow (11%)
- Black (7%)




- Cyan (45%)
- Magenta (7%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.7378, 70.3568, 72.4287 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 52.7378, 70.3568, 72.4287 by changing the saturation by 10% instead.


 52.7378, 70.3568,
72.4287


 52.7378, 70.3568,
72.4287


387.5557,
461.8018, 488.0500

 37.8201, 51.8175,
53.0200


 93.3862, 119.7174,
124.3792

 26.0197, 36.8596,
37.4309

 119.8477,
151.3075, 157.7581

 16.9711, 25.0988,
25.2429


150.8878,
188.0167, 196.6308

 10.3091, 16.1507,
16.0374

186.8720,
230.2292, 241.4158

 5.6682, 9.6308,
9.3960

228.1655,
278.3296, 292.5317

 2.6831, 5.1549,
4.9000

275.1337,

 0.9885, 2.3384,

332.7023, 350.3970

2.1310

328.1420,
393.7315, 415.4302

0.0000, 0.7939,
0.6341

0.0000, 0.0000,
0.0000

52.7378, 70.3568,
72.4287

52.7378, 70.3568,
72.4287

48.3812, 68.2009,
68.2394

57.9835, 72.9711,
76.8198

44.8525, 66.4667,
64.2426


64.1625, 76.0613,
81.4118


42.0924, 65.1251,
60.4353


71.3234, 79.6541,
86.2103

40.0303, 64.1402,
56.8125


79.5094, 83.7717,
91.2190


 38.5828, 63.4687,
53.3684

 87.2724, 87.6677,
96.3716

 37.6262, 63.0452,
50.1754

 88.2217, 88.0474,
101.3708

 89.2031, 88.4400,
106.5386

 89.2867, 88.4734,
106.9789

Harmonies

Analogous

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



55.1540, 70.3568, 53.7941



52.7378, 70.3568, 72.4287



53.8572, 70.3568, 96.2569

Triad

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



52.7378, 70.3568, 72.4287



73.4211, 70.3568, 123.9623



76.1948, 70.3568, 46.1391

Complementary

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



52.7378, 70.3568, 72.4287



51.0022, 39.6375, 41.0416

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.



81.8309, 70.3568, 59.8310



52.7378, 70.3568, 72.4287



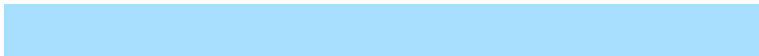
80.1424, 70.3568, 105.0987

Square

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



52.7378, 70.3568, 72.4287



65.3969, 70.3568, 129.1742



83.3298, 70.3568, 80.9421



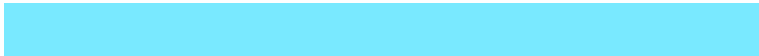
68.3692, 70.3568, 40.6749

Rectangle

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



52.7378, 70.3568, 72.4287



56.5074, 70.3568, 111.6638



83.3298, 70.3568, 80.9421



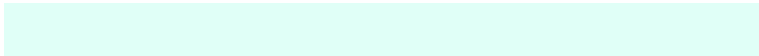
78.4323, 70.3568, 49.7820

Sweetspot

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



52.7398, 70.3596, 72.4303



83.4049, 94.1434, 101.7282



50.6012, 70.0600, 36.0563



17.6038, 20.0259, 21.6116



0.0000, 0.0000, 0.0000



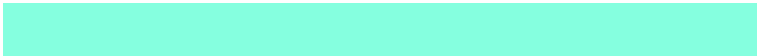
20.3446, 21.4041, 23.3091

Same Dimension

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



52.7398, 70.3596, 72.4303



58.6604, 81.7903, 82.3568



50.1313, 59.7302, 88.2471



15.3386, 17.0503, 18.4658



20.7955, 34.7727, 27.9517



1.6721, 2.7462, 2.4013

Inverse Universe

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



51.0022, 39.6375, 41.0416



56.3474, 40.6355, 40.3819



52.5288, 46.0115, 31.3129



15.2282, 15.1191, 16.4871



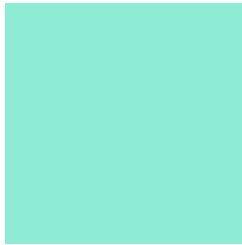
19.5941, 10.0403, 3.6637



1.5772, 0.8038, 0.4908

Previews

White Background



This preview shows how the XYZ color 52.7378, 70.3568, 72.4287 looks on a white background.

Color Contrast Check

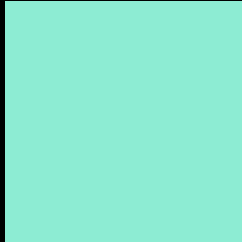
Large Text (above 18pt) WCAG AA × Fail

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 52.7378, 70.3568, 72.4287 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

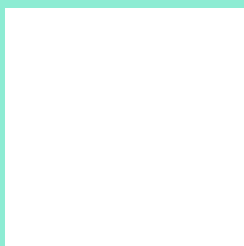
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 52.7378, 70.3568, 72.4287

Background



This preview shows how black text looks on a background with the XYZ color 52.7378, 70.3568, 72.4287.



This preview shows how white text looks on a background with the XYZ color 52.7378, 70.3568,

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

52.7378, 70.3568, 72.4287

Protanopia

66.0325, 69.2894, 64.5375

Deuteranopia

70.7012, 69.2282, 74.6018



Tritanopia

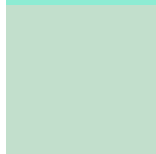
58.1582, 70.0125, 100.0710

Trichromacy



Original Color

52.7378, 70.3568, 72.4287



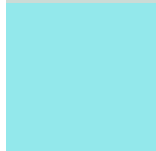
Protanomaly

59.5349, 68.6043, 67.2309



Deuteranomaly

62.0977, 68.2146, 73.5122



Tritanomaly

55.8846, 69.9144, 89.1467

Monochromacy



Original Color

52.7378, 70.3568, 72.4287



Achromatopsia

58.0276, 61.0496, 66.4830



Achromatomaly

55.1098, 63.5618, 68.3955

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.7378, 70.3568, 72.4287 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(141, 236, 211)` looks like.

```
.text, #text, p{  
    color:rgb(141, 236, 211)  
}
```

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(141, 236, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 236, 211) }
```

Border

The CSS property to change the border of an element to XYZ 52.7378, 70.3568, 72.4287 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(141, 236, 211) }
```


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

```
.border{ border-color:rgb(141, 236, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 236, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 236, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 236, 211);  
box-shadow:4px 4px 4px 4px rgb(141, 236,  
211) }
```

Background

The CSS property to change the background color of an element to XYZ 52.7378, 70.3568, 72.4287 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 236, 211) }
```

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

```
.background{ background-color: rgb(141,  
236, 211) }
```

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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