

Converting Colors

XYZ(52.7162, 78.4072, 96.4789)

Have a look what the booklet for
XYZ(52.7162, 78.4072, 96.4789)
contains.

XYZ(52.7015, 78.4022, 96.3599)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(52.7015, 78.4022,
96.3599)**

Conversions

Conversions Part 1

Format	Color
Hex	29FFF2
RGB	41, 255, 242
RGB Percent	16%, 100%, 95%
CMY	0.8391, 0.0000, 0.0510
CMYK	0.84, 0.00, 0.05, 0.00
HSL	176°, 100%, 58%
HSV	176°, 84%, 100%
XYZ	52.7015, 78.4022, 96.3599
YIQ	189.5320, -123.3710, -49.4110

Conversions

Conversions Part 2

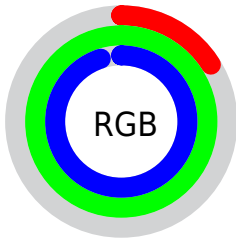
Format	Color
RYB	41, 151, 255
Decimal	2752498
CIELab	90.96, -50.28, -7.60
CIELCh	91, 50.849, 188.594
Yxy	78.4022, 0.2317, 0.3447
Android (android.graphics.Color)	4280942578 (0xFF29FFF2)
YUV	189.5320, 25.8667, -130.2626
Hunter-Lab	88.5450, -48.7116, -2.5414

Details

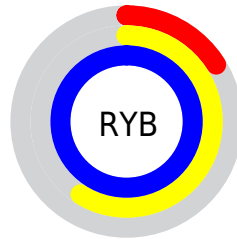
The XYZ color **52.7015, 78.4022, 96.3599** is a light color, and the websafe version is hex **00FFFF**. The color can be described as light washed cyan. A complement of this color would be **42.7001, 23.1140, 5.7035**, and the grayscale version is **48.5850, 51.1152, 55.6645**.

A 20% lighter version of the original color is **62.8633, 83.4071, 107.3937**, and **28.8292, 43.4777, 53.3269** is the 20% darker color. If you saturate the color by 10%, you get **51.7612, 77.9442, 95.1078**, and if you desaturate by 10%, it is **54.3031, 79.2009, 97.6560**.

Distribution



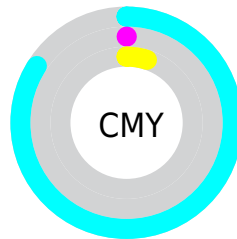
- Red (16%)
- Green (100%)
- Blue (95%)



- Red (16%)
- Yellow (59%)
- Blue (100%)



- Cyan (84%)
- Magenta (0%)
- Yellow (5%)
- Black (0%)





- Cyan (84%)
- Magenta (0%)
- Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.7015, 78.4022, 96.3599 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 52.7015, 78.4022, 96.3599 by changing the saturation by 10% instead.


 52.7015, 78.4022,
96.3599


 52.7015, 78.4022,
96.3599


387.4185,
489.5317, 569.6046


 37.7911, 58.4044,
72.6642


 93.3331, 131.1169,
158.1537


 25.9970, 42.1339,
53.2113


 119.7850,
164.6027, 197.0889

 16.9541, 29.2061,
37.5826


 150.8147,
203.3533, 241.9411

 10.2969, 19.2368,
25.3596

 186.7876,
247.7530, 293.1287

 5.6600, 11.8415,
16.1237

228.0691,
298.1863, 351.0703

 2.6781, 6.6359,
9.4564

275.0245,

 0.9859, 3.2354,

355.0376, 416.1845

4.9392

328.0192,
418.6913, 488.8897

■ 0.0000, 1.2558,
2.1535

■ 0.0000, 0.1066,
0.6474

■ 52.7015, 78.4022,
96.3599

■ 52.7015, 78.4022,
96.3599

■ 51.7612, 77.9442,
95.1078

■ 54.3031, 79.2009,
97.6560

■ 51.4154, 77.7822,
94.3605

■ 56.6726, 80.3951,
98.9970

■ 59.9009, 82.0319,
100.3885

■ 64.0656, 84.1513,
101.8342

69.2356, 86.7886,
103.3373

75.4732, 89.9760,
104.9008

82.8358, 93.7432,
106.5274

91.3766, 98.1176,
108.2195

95.0500, 100.0000,
108.9000

Harmonies

Analogous

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



53.8399, 78.4022, 62.1014



52.7015, 78.4022, 96.3599



56.8615, 78.4022, 137.4266

Triad

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



52.7015, 78.4022, 96.3599



90.9821, 78.4022, 153.3052



83.8848, 78.4022, 35.0564

Complementary

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



52.7015, 78.4022, 96.3599



42.7001, 23.1140, 5.7035

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.



95.4988, 78.4022, 48.4596



52.7015, 78.4022, 96.3599



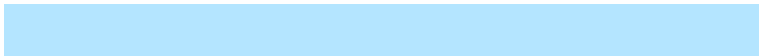
99.9123, 78.4022, 113.8189

Square

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



52.7015, 78.4022, 96.3599



78.2646, 78.4022, 175.9528



101.6537, 78.4022, 75.2431



70.8947, 78.4022, 32.8513

Rectangle

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



52.7015, 78.4022, 96.3599



62.3950, 78.4022, 160.9314



101.6537, 78.4022, 75.2431



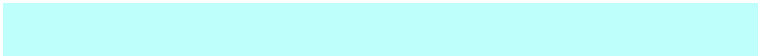
88.1197, 78.4022, 38.1685

Sweetspot

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



52.7026, 78.4028, 96.3614



74.7415, 89.6019, 104.7278



37.7520, 72.5006, 14.1042



15.5109, 18.9296, 22.2975



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.



52.7026, 78.4028, 96.3614



51.4154, 77.7822, 94.3605



31.9344, 33.6300, 99.4159



18.5044, 20.4613, 22.9591



26.8862, 40.6511, 49.4133



2.6317, 3.9636, 4.8843

Inverse Universe

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



42.7001, 23.1140, 5.7035



41.3298, 21.2959, 2.4027



50.1307, 38.4004, 6.8697



18.0541, 18.0050, 18.9021



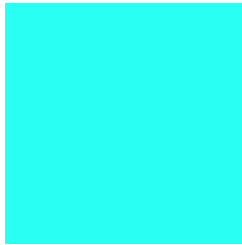
21.6128, 11.1344, 1.3457



2.1193, 1.0901, 0.2099

Previews

White Background



This preview shows how the XYZ color 52.7015, 78.4022, 96.3599 looks on a white background.

Color Contrast Check

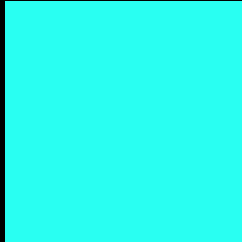
Large Text (above 18pt) WCAG AA × Fail

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 52.7015, 78.4022, 96.3599 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

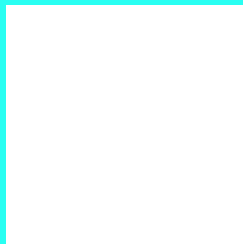
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 52.7015, 78.4022, 96.3599

Background



This preview shows how black text looks on a background with the XYZ color 52.7015, 78.4022, 96.3599.

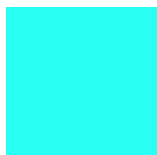


This preview shows how white text looks on a background with the XYZ color 52.7015, 78.4022,

Color Blindness Simulation

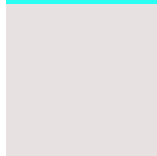
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



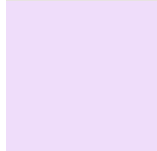
Original Color

52.7015, 78.4022, 96.3599



Protanopia

73.7420, 76.8179, 82.1749



Deuteranopia

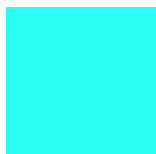
78.7084, 76.9658, 101.1500



Tritanopia

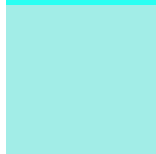
63.3197, 77.6928, 106.2667

Trichromacy



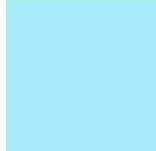
Original Color

52.7015, 78.4022, 96.3599



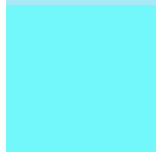
Protanomaly

59.6083, 74.0193, 86.7468



Deuteranomaly

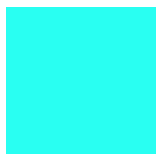
61.8638, 73.2087, 98.8658



Tritanomaly

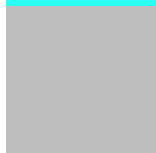
57.4555, 77.0011, 102.2769

Monochromacy



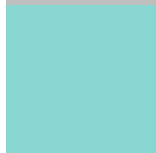
Original Color

52.7015, 78.4022, 96.3599



Achromatopsia

48.9429, 51.4918, 56.0745



Achromatomaly

45.7085, 57.9308, 69.0943

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.7015, 78.4022, 96.3599 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(41, 255, 242)` looks like.

```
.text, #text, p{  
    color:rgb(41, 255, 242)  
}
```

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(41, 255, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(41, 255, 242) }
```

Border

The CSS property to change the border of an element to XYZ 52.7015, 78.4022, 96.3599 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(41, 255, 242) }
```


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

```
.border{ border-color:rgb(41, 255, 242) }
```

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

Here you see how a box with a 4 pixel rgb(41, 255, 242) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(41, 255, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(41, 255, 242);  
box-shadow:4px 4px 4px 4px rgb(41, 255,  
242) }
```

Background

The CSS property to change the background color of an element to XYZ 52.7015, 78.4022, 96.3599 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(41, 255, 242) }
```

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

```
.background{ background-color: rgb(41, 255,  
242) }
```

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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