

Converting Colors

XYZ(65.3583, 100.0000,
107.5223)

Have a look what the booklet for
XYZ(65.3583, 100.0000, 107.5223)
contains.

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Color

**XYZ(55.0361, 79.4457,
103.7006)**

Conversions

Conversions Part 1

Format	Color
Hex	3CFFFB
RGB	60, 255, 251
RGB Percent	24%, 100%, 98%
CMY	0.7646, 0.0000, 0.0157
CMYK	0.76, 0.00, 0.02, 0.00
HSL	179°, 100%, 62%
HSV	179°, 76%, 100%
XYZ	55.0361, 79.4457, 103.7006
YIQ	196.2390, -114.9360, -42.5840

Conversions

Conversions Part 2

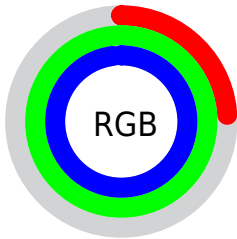
Format	Color
RYB	60, 159, 255
Decimal	3997691
CIELab	91.44, -46.34, -11.54
CIELCh	91, 47.753, 193.986
Yxy	79.4457, 0.2311, 0.3335
Android (android.graphics.Color)	4282187771 (0xFF3CFFFB)
YUV	196.2390, 26.9972, -119.4816
Hunter-Lab	89.1323, -45.7640, -6.5881

Details

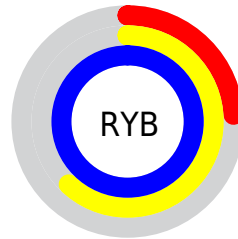
The XYZ color **55.0361, 79.4457, 103.7006** is a light color, and the websafe version is hex **33FFFF**. The color can be described as light washed cyan. A complement of this color would be **43.7825, 24.8637, 7.3442**, and the grayscale version is **52.5076, 55.2421, 60.1587**.

A 20% lighter version of the original color is **64.4575, 84.2290, 107.4683**, and **29.8166, 43.8726, 58.5265** is the 20% darker color. If you saturate the color by 10%, you get **53.7673, 78.8011, 103.2129**, and if you desaturate by 10%, it is **57.0487, 80.4737, 104.2272**.

Distribution



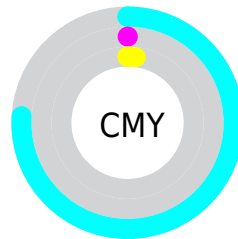
- Red (24%)
- Green (100%)
- Blue (98%)



- Red (24%)
- Yellow (62%)
- Blue (100%)



- Cyan (76%)
- Magenta (0%)
- Yellow (2%)
- Black (0%)





- Cyan (76%)
- Magenta (0%)
- Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 55.0361, 79.4457, 103.7006 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 55.0361, 79.4457, 103.7006 by changing the saturation by 10% instead.


 55.0361, 79.4457,
103.7006

 55.0361, 79.4457,
103.7006

396.1829,
493.0628, 593.3408

 39.6646, 59.2623,
78.7606

 96.7419, 132.5861,
168.3295


 27.4602, 42.8243,
58.1788


 123.8068,
166.3120, 208.8555

 18.0575, 29.7473,
41.5368


 155.5003,
205.3208, 255.4139

 11.0912, 19.6469,
28.4159

 192.1876,
249.9969, 308.4232

 6.1960, 12.1386,
18.3976

234.2342,
300.7248, 368.3020

 3.0064, 6.8381,
11.0635

282.0054,

 1.1571, 3.3611,

357.8888, 435.4689

5.9948

335.8665,
421.8734, 510.3423

■ 0.0721, 1.3230,
2.7732

■ 0.0000, 0.1589,
0.9800

■ 55.0361, 79.4457,
103.7006

■ 55.0361, 79.4457,
103.7006

■ 53.7673, 78.8011,
103.2129

■ 57.0487, 80.4737,
104.2272

■ 53.1213, 78.4775,
102.7541

■ 59.8958, 81.9318,
104.7925

■ 52.9794, 78.4078,
102.5963

■ 63.6586, 83.8620,
105.4019

■ 68.4080, 86.3008,
106.0587

■ 74.2079, 89.2812,
106.7658

■ 81.1168, 92.8332,
107.5260

■ 89.1890, 96.9848,
108.3419

■ 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.



55.2095, 79.4457, 69.3288



55.0361, 79.4457, 103.7006



59.9196, 79.4457, 141.7791

Triad

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



55.0361, 79.4457, 103.7006



92.9233, 79.4457, 144.1182



82.1399, 79.4457, 36.8165

Complementary

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



55.0361, 79.4457, 103.7006



43.7825, 24.8637, 7.3442

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.



93.5960, 79.4457, 47.8632



55.0361, 79.4457, 103.7006



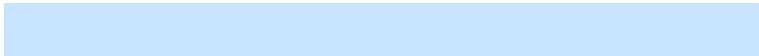
100.2630, 79.4457, 106.3018

Square

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



55.0361, 79.4457, 103.7006



81.2985, 79.4457, 169.0130



100.5216, 79.4457, 71.3201



70.0044, 79.4457, 36.4710

Rectangle

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



55.0361, 79.4457, 103.7006



65.7220, 79.4457, 161.6304



100.5216, 79.4457, 71.3201



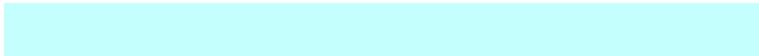
86.2262, 79.4457, 39.2336

Sweetspot

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



55.0373, 79.4463, 103.7021



76.4731, 90.4455, 107.0230



38.8577, 73.0226, 16.3239



15.8634, 19.0995, 22.8500



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.



55.0373, 79.4463, 103.7021



53.3417, 78.5870, 102.9556



33.1912, 34.7347, 99.5628



18.5378, 20.4747, 23.1352



27.6902, 40.9727, 53.6473



2.7010, 3.9913, 5.2494

Inverse Universe

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



43.7825, 24.8637, 7.3442



41.6750, 21.8456, 2.9518



53.1240, 43.7223, 9.9165



18.0245, 17.9931, 18.7461



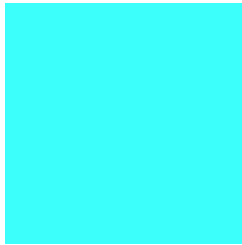
21.5703, 11.1174, 1.1216



2.1053, 1.0845, 0.1359

Previews

White Background



This preview shows how the XYZ color 55.0361, 79.4457, 103.7006 looks on a white background.

Color Contrast Check

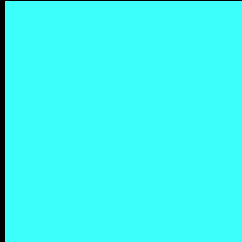
Large Text (above 18pt) WCAG AA × Fail

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 55.0361, 79.4457, 103.7006 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 55.0361, 79.4457, 103.7006

Background



This preview shows how black text looks on a background with the XYZ color 55.0361, 79.4457, 103.7006.



This preview shows how white text looks on a background with the XYZ color 55.0361, 79.4457,

Color Blindness Simulation

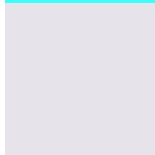
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



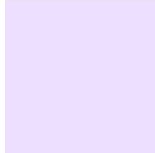
Original Color

55.0361, 79.4457, 103.7006



Protanopia

75.2754, 77.8676, 88.9044



Deuteranopia

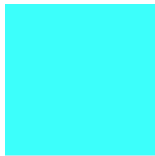
79.0297, 77.8282, 105.4648



Tritanopia

64.7024, 78.4056, 106.3314

Trichromacy



Original Color

55.0361, 79.4457, 103.7006



Protanomaly

62.3745, 75.2947, 93.6839



Deuteranomaly

64.6110, 75.3431, 104.9032



Tritanomaly

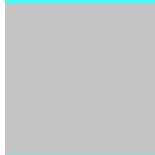
59.6076, 78.0373, 105.6870

Monochromacy



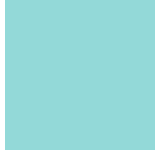
Original Color

55.0361, 79.4457, 103.7006



Achromatopsia

52.4687, 55.2011, 60.1140



Achromatomaly

49.2401, 60.7866, 74.1035

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.0361, 79.4457, 103.7006 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(60, 255, 251)` looks like.

```
.text, #text, p{  
    color:rgb(60, 255, 251)  
}
```

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(60, 255, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(60, 255, 251) }
```

Border

The CSS property to change the border of an element to XYZ 55.0361, 79.4457, 103.7006 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(60, 255, 251) }
```


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

```
.border{ border-color:rgb(60, 255, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(60, 255, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(60, 255, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(60, 255, 251);  
box-shadow:4px 4px 4px 4px rgb(60, 255,  
251) }
```

Background

The CSS property to change the background color of an element to XYZ 55.0361, 79.4457, 103.7006 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(60, 255, 251) }
```

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

```
.background{ background-color: rgb(60, 255,  
251) }
```

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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