

Converting Colors

XYZ(55.2565, 79.8869, 88.9139)

Have a look what the booklet for
XYZ(55.2565, 79.8869, 88.9139)
contains.

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Color

**XYZ(55.2553, 79.8876,
88.8515)**

Conversions

Conversions Part 1

Format	Color
Hex	61FFE8
RGB	97, 255, 232
RGB Percent	38%, 100%, 91%
CMY	0.6196, 0.0000, 0.0902
CMYK	0.62, 0.00, 0.09, 0.00
HSL	171°, 100%, 69%
HSV	171°, 62%, 100%
XYZ	55.2553, 79.8876, 88.8515
YIQ	205.1360, -86.7850, -40.6490

Conversions

Conversions Part 2

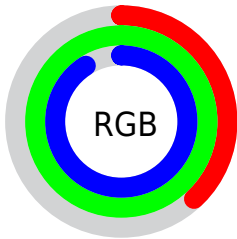
Format	Color
RYB	97, 182, 255
Decimal	6422504
CIELab	91.63, -46.64, -1.32
CIELCh	92, 46.660, 181.619
Yxy	79.8876, 0.2467, 0.3566
Android (android.graphics.Color)	4284612584 (0xFF61FFE8)
YUV	205.1360, 13.2440, -94.8353
Hunter-Lab	89.3799, -46.0647, 3.6264

Details

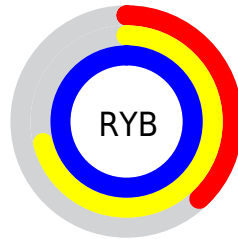
The XYZ color **55.2553, 79.8876, 88.8515** is a light color, and the websafe version is hex **33FFFF**. A complement of this color would be **48.9059, 31.1670, 21.2093**, and the grayscale version is **58.0737, 61.0980, 66.5357**.

A 20% lighter version of the original color is **68.7103, 86.4214, 107.6673**, and **27.8027, 43.0671, 47.9217** is the 20% darker color. If you saturate the color by 10%, you get **52.4398, 78.4964, 85.9975**, and if you desaturate by 10%, it is **58.9568, 81.7342, 91.8079**.

Distribution



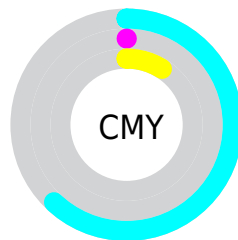
- Red (38%)
- Green (100%)
- Blue (91%)



- Red (38%)
- Yellow (71%)
- Blue (100%)



- Cyan (62%)
- Magenta (0%)
- Yellow (9%)
- Black (0%)





- Cyan (62%)
- Magenta (0%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 55.2553, 79.8876, 88.8515 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 55.2553, 79.8876, 88.8515 by changing the saturation by 10% instead.


 55.2553, 79.8876,
88.8515


 55.2553, 79.8876,
88.8515


396.9996,
494.5540, 544.7611


 39.8408, 59.6259,
66.4601


 97.0611, 133.2077,
147.6636

 27.5981, 43.1171,
48.1872


 124.1830,
167.0348, 184.9214

 18.1618, 29.9770,
33.6141


 155.9382,
206.1526, 227.9718

 11.1666, 19.8212,
22.3223

192.6919,
250.9453, 277.2333

 6.2471, 12.2651,
13.8934

234.8096,
301.7974, 333.1244

 3.0380, 6.9245,
7.9086

282.6565,

 1.1739, 3.4149,

359.0933, 396.0637

3.9496

336.5981,
423.2173, 466.4698

■ 0.0856, 1.3520,
1.5977

■ 0.0000, 0.1809,
0.2892

■ 55.2553, 79.8876,
88.8515

■ 55.2553, 79.8876,
88.8515

■ 52.4398, 78.4964,
85.9975

■ 58.9568, 81.7342,
91.8079

■ 50.4201, 77.5143,
83.2371

■ 63.6170, 84.0738,
94.8663

■ 49.0922, 76.8874,
80.5665

■ 69.3044, 86.9416,
98.0316

■ 48.3993, 76.5757,
78.4777

■ 76.0804, 90.3692,
101.3071

■ 84.0015, 94.3859,
104.6956

■ 93.1202, 99.0186,
108.2001

■ 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.



57.5055, 79.8876, 59.3758



55.2553, 79.8876, 88.8515



58.0451, 79.8876, 126.1163

Triad

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



55.2553, 79.8876, 88.8515



88.5862, 79.8876, 155.6718



87.3492, 79.8876, 41.0862

Complementary

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



55.2553, 79.8876, 88.8515



48.9059, 31.1670, 21.2093

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.



97.1580, 79.8876, 56.9206



55.2553, 79.8876, 88.8515



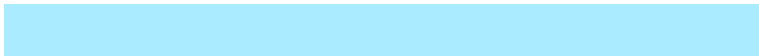
97.9231, 79.8876, 122.0466

Square

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



55.2553, 79.8876, 88.8515



76.5801, 79.8876, 170.4342



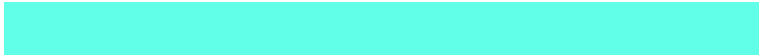
101.2107, 79.8876, 85.1429



75.2851, 79.8876, 36.5013

Rectangle

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



55.2553, 79.8876, 88.8515



62.5763, 79.8876, 149.2208



101.2107, 79.8876, 85.1429



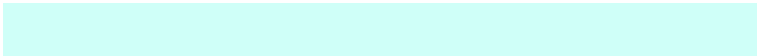
91.0617, 79.8876, 45.0221

Sweetspot

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



55.2563, 79.8881, 88.8529



78.3017, 91.4947, 102.2975



45.7621, 76.4270, 23.6510



16.2997, 19.3505, 21.6908



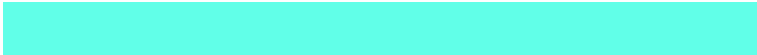
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



55.2563, 79.8881, 88.8529



51.9657, 78.2642, 85.4262



43.5660, 50.9327, 102.1426



18.4345, 20.4333, 22.5909



25.3331, 40.0298, 41.2349



2.4963, 3.9094, 4.1712

Inverse Universe

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



48.9059, 31.1670, 21.2093



45.2158, 25.9956, 13.1697



54.6758, 44.6787, 17.0532



18.1171, 18.0301, 19.2337



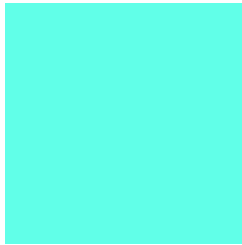
21.7565, 11.1919, 2.1021



2.1490, 1.1020, 0.3659

Previews

White Background



This preview shows how the XYZ color 55.2553, 79.8876, 88.8515 looks on a white background.

Color Contrast Check

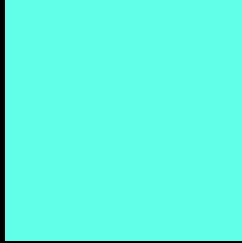
Large Text (above 18pt) WCAG AA × Fail

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 55.2553, 79.8876, 88.8515 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

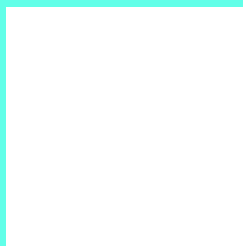
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 55.2553, 79.8876, 88.8515

Background



This preview shows how black text looks on a background with the XYZ color 55.2553, 79.8876, 88.8515.

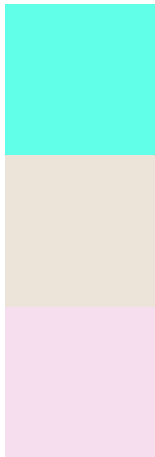


This preview shows how white text looks on a background with the XYZ color 55.2553, 79.8876,

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

55.2553, 79.8876, 88.8515

Protanopia

74.8599, 78.3294, 76.8192

Deuteranopia

80.0590, 78.2487, 92.5453



Tritanopia

66.1643, 79.1593, 106.3998

Trichromacy



Original Color

55.2553, 79.8876, 88.8515



Protanomaly

63.7669, 76.7373, 80.5581



Deuteranomaly

66.3014, 76.1082, 90.5528



Tritanomaly

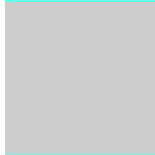
61.3770, 79.0766, 100.0241

Monochromacy



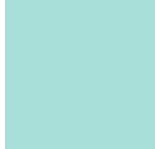
Original Color

55.2553, 79.8876, 88.8515



Achromatopsia

58.0276, 61.0496, 66.4830



Achromatomaly

54.3793, 65.7886, 74.1224

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.2553, 79.8876, 88.8515 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(97, 255, 232)` looks like.

```
.text, #text, p{  
    color:rgb(97, 255, 232)  
}
```

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(97, 255, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 255, 232) }
```

Border

The CSS property to change the border of an element to XYZ 55.2553, 79.8876, 88.8515 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(97, 255, 232) }
```


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

```
.border{ border-color:rgb(97, 255, 232) }
```

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

Here you see how a box with a 4 pixel rgb(97, 255, 232) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 255, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 255, 232);  
box-shadow:4px 4px 4px 4px rgb(97, 255,  
232) }
```

Background

The CSS property to change the background color of an element to XYZ 55.2553, 79.8876, 88.8515 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 255, 232) }
```

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

```
.background{ background-color: rgb(97, 255,  
232) }
```

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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