

Converting Colors

XYZ(56.3318, 79.1704,
105.1548)

Have a look what the booklet for
XYZ(56.3318, 79.1704, 105.1548)
contains.

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Color

**XYZ(56.3346, 79.1362,
105.2342)**

Conversions

Conversions Part 1

Format	Color
Hex	52DFDF
RGB	82, 253, 253
RGB Percent	32%, 99%, 99%
CMY	0.6784, 0.0078, 0.0078
CMYK	0.68, 0.00, 0.00, 0.01
HSL	180°, 98%, 66%
HSV	180°, 68%, 99%
XYZ	56.3346, 79.1362, 105.2342
YIQ	201.8710, -101.9160, -36.2520

Conversions

Conversions Part 2

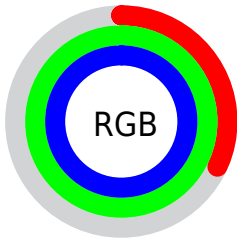
Format	Color
R _Y B	82, 168, 253
Decimal	5438973
CIE Lab	91.30, -42.48, -12.75
CIE LCh	91, 44.354, 196.703
Yxy	79.1362, 0.2340, 0.3288
Android (android.graphics.Color)	4283629053 (0xFF52FDFD)
YUV	201.8710, 25.2066, -105.1269
Hunter-Lab	88.9585, -42.6391, -7.8666

Details

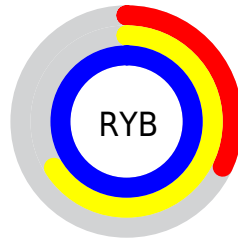
The XYZ color **56.3346, 79.1362, 105.2342** is a light color, and the websafe version is hex **66FFFF**. The color can be described as light muted cyan. A complement of this color would be **45.0510, 27.5290, 10.9244**, and the grayscale version is **55.9549, 58.8690, 64.1083**.

A 20% lighter version of the original color is **66.7589, 85.4154, 107.5760**, and **29.7037, 43.4654, 59.0487** is the 20% darker color. If you saturate the color by 10%, you get **54.5272, 78.2062, 105.1512**, and if you desaturate by 10%, it is **58.9573, 80.4900, 105.3590**.

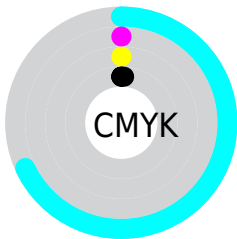
Distribution



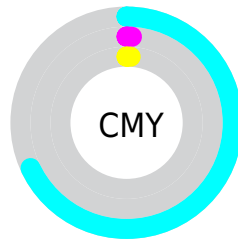
- Red (32%)
- Green (99%)
- Blue (99%)



- Red (32%)
- Yellow (66%)
- Blue (99%)



- Cyan (68%)
- Magenta (0%)
- Yellow (0%)
- Black (1%)





- Cyan (68%)
- Magenta (1%)
- Yellow (1%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 56.3346, 79.1362, 105.2342 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 56.3346, 79.1362, 105.2342 by changing the saturation by 10% instead.


 56.3346, 79.1362,
105.2342

 56.3346, 79.1362,
105.2342

401.0059,
492.0170, 598.2362

 40.7093, 59.0078,
80.0378


 98.6306, 132.1506,
170.4461


 28.2787, 42.6194,
59.2231


 126.0320,
165.8054, 211.2988

 18.6774, 29.5866,
42.3716


 158.0895,
204.7377, 258.2073

 11.5400, 19.5250,
29.0646

 195.1685,
249.3320, 311.5901

 6.5012, 12.0503,
18.8837

237.6342,
299.9727, 371.8659

 3.1957, 6.7779,
11.4103

285.8522,

 1.2581, 3.3236,

357.0442, 439.4532

6.2259

340.1876,
420.9308, 514.7704

■ 0.1515, 1.3029,
2.9119

■ 0.0000, 0.1435,
1.0498

■ 56.3346, 79.1362,
105.2342

■ 56.3346, 79.1362,
105.2342

■ 54.5272, 78.2062,
105.1512

■ 58.9573, 80.4900,
105.3590

■ 53.4338, 77.6425,
105.0997


■ 62.4681, 82.2999,
105.5235


■ 52.9327, 77.3842,
105.0761


■ 66.9398, 84.6051,
105.7330


■ 52.8562, 77.3448,
105.0724


■ 72.4356, 87.4383,
105.9904

 79.0135, 90.8293,
106.2985

 86.7270, 94.8058,
106.6597

 94.0967, 98.6050,
107.0049

 94.0967, 98.6050,
107.0051

 94.0968, 98.6050,
107.0054

Harmonies

Analogous

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



56.0605, 79.1362, 72.6825



56.3346, 79.1362, 105.2342



61.3304, 79.1362, 139.6024

Triad

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



56.3346, 79.1362, 105.2342



92.0918, 79.1362, 136.0405



80.3046, 79.1362, 38.8291

Complementary

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



56.3346, 79.1362, 105.2342



45.0510, 27.5290, 10.9244

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.



91.0549, 79.1362, 48.4717



56.3346, 79.1362, 105.2342



98.3039, 79.1362, 101.2214

Square

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



56.3346, 79.1362, 105.2342



81.6093, 79.1362, 160.2042



97.9066, 79.1362, 69.5524



69.1668, 79.1362, 39.3921

Rectangle

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



56.3346, 79.1362, 105.2342



66.9782, 79.1362, 156.5455



97.9066, 79.1362, 69.5524



84.1043, 79.1362, 40.8569

Sweetspot

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



56.3370, 79.1392, 105.2361



78.7117, 91.5773, 108.1349



40.3836, 72.7870, 19.9057



16.4366, 19.3895, 23.1261



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.



56.3370, 79.1392, 105.2361



55.0499, 79.3792, 107.0261



35.6526, 37.7700, 98.3428



18.5549, 20.4815, 23.2253



28.1166, 41.1433, 55.8929



2.7376, 4.0060, 5.4421

Inverse Universe

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



45.0510, 27.5290, 10.9244



42.8583, 23.6281, 5.1473



55.4262, 48.2796, 14.3825



18.0095, 17.9871, 18.6670



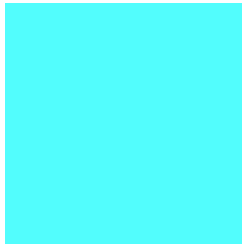
21.5488, 11.1088, 1.0085



2.0981, 1.0816, 0.0982

Previews

White Background



This preview shows how the XYZ color 56.3346, 79.1362, 105.2342 looks on a white background.

Color Contrast Check

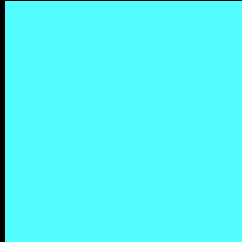
Large Text (above 18pt) WCAG AA × Fail

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 56.3346, 79.1362, 105.2342 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 56.3346, 79.1362, 105.2342

Background



This preview shows how black text looks on a background with the XYZ color 56.3346, 79.1362, 105.2342.

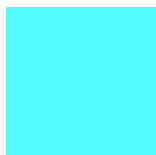


This preview shows how white text looks on a background with the XYZ color 56.3346, 79.1362,

Color Blindness Simulation

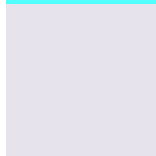
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



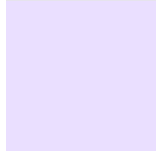
Original Color

56.3346, 79.1362, 105.2342



Protanopia

75.3883, 77.8756, 91.1789



Deuteranopia

78.3694, 77.4878, 105.4339



Tritanopia

64.7024, 78.4056, 106.3314

Trichromacy



Original Color

56.3346, 79.1362, 105.2342



Protanomaly

64.0776, 75.6921, 96.0268



Deuteranomaly

65.9026, 75.5851, 104.8819



Tritanomaly

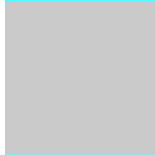
60.5180, 78.0538, 105.6422

Monochromacy



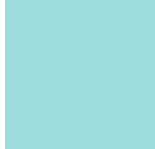
Original Color

56.3346, 79.1362, 105.2342



Achromatopsia

56.1383, 59.0619, 64.3184



Achromatomaly

53.0081, 64.2025, 78.0051

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.3346, 79.1362, 105.2342 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(82, 253, 253)` looks like.

```
.text, #text, p{  
    color:rgb(82, 253, 253)  
}
```

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(82, 253, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 253, 253) }
```

Border

The CSS property to change the border of an element to XYZ 56.3346, 79.1362, 105.2342 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(82, 253, 253) }
```


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

```
.border{ border-color:rgb(82, 253, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(82, 253, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 253, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 253, 253);  
box-shadow:4px 4px 4px 4px rgb(82, 253,  
253) }
```

Background

The CSS property to change the background color of an element to XYZ 56.3346, 79.1362, 105.2342 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 253, 253) }
```

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

```
.background{ background-color: rgb(82, 253,  
253) }
```

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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