

Converting Colors

XYZ(60.3800, 77.9595, 86.3336)

Have a look what the booklet for
XYZ(60.3800, 77.9595, 86.3336)
contains.

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Color

**XYZ(60.3128, 77.9305,
85.9920)**

Conversions

Conversions Part 1

Format	Color
Hex	9BF5E5
RGB	155, 245, 229
RGB Percent	61%, 96%, 90%
CMY	0.3921, 0.0392, 0.1020
CMYK	0.37, 0.00, 0.07, 0.04
HSL	169°, 82%, 78%
HSV	169°, 37%, 96%
XYZ	60.3128, 77.9305, 85.9920
YIQ	216.2660, -48.5040, -24.0560

Conversions

Conversions Part 2

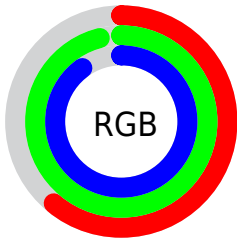
Format	Color
RYB	155, 204, 245
Decimal	10221029
CIELab	90.75, -30.46, -0.82
CIElCh	91, 30.470, 181.542
Yxy	77.9305, 0.2690, 0.3475
Android (android.graphics.Color)	4288411109 (0xFF9BF5E5)
YUV	216.2660, 6.2779, -53.7303
Hunter-Lab	88.2783, -32.5335, 4.0403

Details

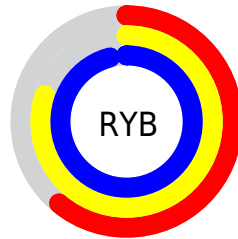
The XYZ color **60.3128, 77.9305, 85.9920** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **56.7309, 45.7975, 44.3808**, and the grayscale version is **65.4356, 68.8433, 74.9704**.

A 20% lighter version of the original color is **80.9614, 92.7370, 108.2407**, and **30.7688, 41.6751, 46.4668** is the 20% darker color. If you saturate the color by 10%, you get **55.4793, 75.5101, 82.6317**, and if you desaturate by 10%, it is **66.1200, 80.8550, 89.4809**.

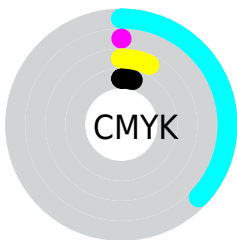
Distribution



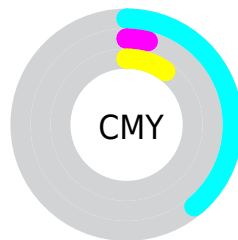
- Red (61%)
- Green (96%)
- Blue (90%)



- Red (61%)
- Yellow (80%)
- Blue (96%)



- Cyan (37%)
- Magenta (0%)
- Yellow (7%)
- Black (4%)





- Cyan (39%)
- Magenta (4%)
- Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.3128, 77.9305, 85.9920 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 60.3128, 77.9305, 85.9920 by changing the saturation by 10% instead.


 60.3128, 77.9305,
85.9920


 60.3128, 77.9305,
85.9920


415.5661,
487.9308, 535.1348

 43.9212, 58.0169,
64.1065


 104.3871,
130.4521, 143.6448

 30.8062, 41.8222,
46.2902


 132.8005,
163.8290, 180.2491

 20.6024, 28.9621,
32.1246


165.9518,
202.4623, 222.5968

 12.9445, 19.0522,
21.1911

204.2066,
246.7366, 271.1065

 7.4671, 11.7080,
13.0711

247.9300,
297.0362, 326.1965

 3.8048, 6.5452,
7.3462

297.4875,

 1.5923, 3.1793,

353.7455, 388.2856

3.5979

353.2444,
417.2489, 457.7921

0.3874, 1.2261,
1.4074

0.0000, 0.0828,
0.1475

60.3128, 77.9305,
85.9920

60.3128, 77.9305,
85.9920

55.4793, 75.5101,
82.6317

66.1200, 80.8550,
89.4809

51.5545, 73.5545,
79.3913

72.9474, 84.3017,
93.0962

48.4762, 72.0335,
76.2691

80.8466, 88.2992,
96.8424

46.1715, 70.9095,
73.2611

89.8638, 92.8712,
100.7224

■ 44.5545, 70.1384,
70.3626

■ 91.2722, 93.5189,
104.3282

■ 43.5172, 69.6644,
67.5679

■ 91.9438, 93.7875,
107.8646

■ 43.2484, 69.5454,
66.6752

Harmonies

Analogous

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



61.8719, 77.9305, 66.3134



60.3128, 77.9305, 85.9920



62.2237, 77.9305, 108.8638

Triad

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



60.3128, 77.9305, 85.9920



82.0383, 77.9305, 126.0768



81.3064, 77.9305, 52.9329

Complementary

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



60.3128, 77.9305, 85.9920



56.7309, 45.7975, 44.3808

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.



87.3331, 77.9305, 64.6610



60.3128, 77.9305, 85.9920



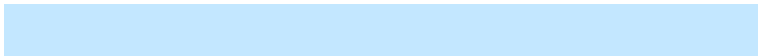
87.7757, 77.9305, 106.5614

Square

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



60.3128, 77.9305, 85.9920



74.4672, 77.9305, 134.3385



89.7760, 77.9305, 83.7242



73.6754, 77.9305, 49.3119

Rectangle

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



60.3128, 77.9305, 85.9920



65.2902, 77.9305, 122.3175



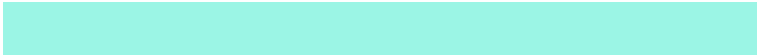
89.7760, 77.9305, 83.7242



83.6049, 77.9305, 55.9452

Sweetspot

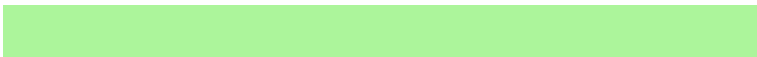
The Sweet Spot groups the original color and five complimentary colors.



60.3150, 77.9336, 85.9938



84.6801, 94.7457, 104.2774



55.4749, 76.3887, 42.8324



17.8734, 20.1521, 22.2003



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.



60.3150, 77.9336, 85.9938



62.0558, 83.3429, 91.4514



54.6855, 62.9321, 95.6546



16.8628, 18.7043, 20.5621



23.3446, 37.4827, 36.1638



2.0841, 3.3073, 3.3489

Inverse Universe

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



56.7309, 45.7975, 44.3808



57.6209, 43.4803, 39.8885



60.6119, 55.8550, 38.5982



16.6194, 16.5306, 17.7424



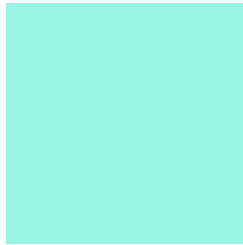
20.5621, 10.5683, 2.4022



1.8401, 0.9420, 0.3844

Previews

White Background



This preview shows how the XYZ color 60.3128, 77.9305, 85.9920 looks on a white background.

Color Contrast Check

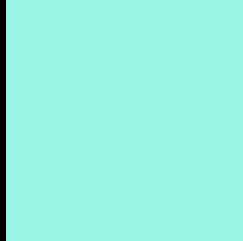
Large Text (above 18pt) WCAG AA × Fail

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 60.3128, 77.9305, 85.9920 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

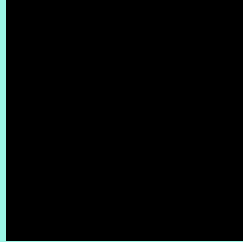
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.3128, 77.9305, 85.9920

Background



This preview shows how black text looks on a background with the XYZ color 60.3128, 77.9305, 85.9920.

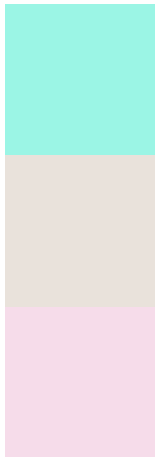


This preview shows how white text looks on a background with the XYZ color 60.3128, 77.9305,

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

60.3128, 77.9305, 85.9920

Protanopia

73.5868, 76.8308, 77.9692

Deuteranopia

78.4505, 76.7197, 88.5155



Tritanopia

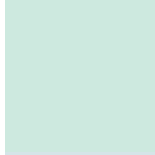
66.3037, 77.4830, 106.0689

Trichromacy



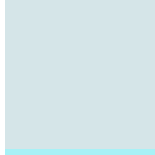
Original Color

60.3128, 77.9305, 85.9920



Protanomaly

67.6350, 76.5847, 81.0296



Deuteranomaly

70.0254, 76.0110, 87.3248



Tritanomaly

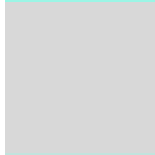
64.2383, 77.8892, 98.8372

Monochromacy



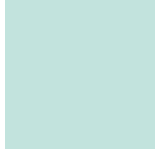
Original Color

60.3128, 77.9305, 85.9920



Achromatopsia

65.2694, 68.6685, 74.7800



Achromatomaly

62.7684, 71.6280, 78.9239

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.3128, 77.9305, 85.9920 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(155, 245, 229)` looks like.

```
.text, #text, p{  
    color:rgb(155, 245, 229)  
}
```

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(155, 245, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 245, 229) }
```

Border

The CSS property to change the border of an element to XYZ 60.3128, 77.9305, 85.9920 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(155, 245, 229) }
```


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

```
.border{ border-color:rgb(155, 245, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 245, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 245, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 245, 229);  
box-shadow:4px 4px 4px 4px rgb(155, 245,  
229) }
```

Background

The CSS property to change the background color of an element to XYZ 60.3128, 77.9305, 85.9920 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 245, 229) }
```

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

```
.background{ background-color: rgb(155,  
245, 229) }
```

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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