

Converting Colors

XYZ(60.1247, 78.8724,
100.8603)

Have a look what the booklet for
XYZ(60.1247, 78.8724, 100.8603)
contains.

XYZ(60.1835, 78.8987, 100.8639)	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(60.1835, 78.8987,
100.8639)**

Conversions

Conversions Part 1

Format	Color
Hex	85F8F8
RGB	133, 248, 248
RGB Percent	52%, 97%, 97%
CMY	0.4784, 0.0274, 0.0274
CMYK	0.46, 0.00, 0.00, 0.03
HSL	180°, 89%, 75%
HSV	180°, 46%, 97%
XYZ	60.1835, 78.8987, 100.8639
YIQ	213.6150, -68.5400, -24.3800

Conversions

Conversions Part 2

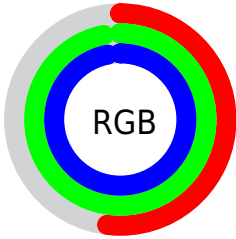
Format	Color
R_{YB}	133, 191, 248
Decimal	8780024
CIE _{Lab}	91.19, -32.66, -10.16
CIE _{LCh}	91, 34.207, 197.273
Yxy	78.8987, 0.2508, 0.3288
Android (android.graphics.Color)	4286970104 (0xFF85F8F8)
YUV	213.6150, 16.9518, -70.6994
Hunter-Lab	88.8249, -34.5006, -5.1485

Details

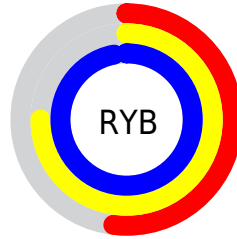
The XYZ color **60.1835, 78.8987, 100.8639** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **51.3352, 38.4272, 26.9044**, and the grayscale version is **63.5826, 66.8939, 72.8474**.

A 20% lighter version of the original color is **75.8023, 90.0775, 107.9992**, and **30.7438, 42.4070, 56.4342** is the 20% darker color. If you saturate the color by 10%, you get **56.7214, 77.1158, 100.7032**, and if you desaturate by 10%, it is **64.5746, 81.1642, 101.0716**.

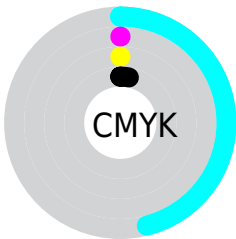
Distribution



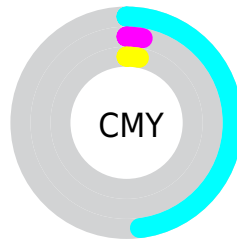
- Red (52%)
- Green (97%)
- Blue (97%)



- Red (52%)
- Yellow (75%)
- Blue (97%)



- Cyan (46%)
- Magenta (0%)
- Yellow (0%)
- Black (3%)



- Cyan (48%)
- Magenta (3%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.1835, 78.8987, 100.8639 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 60.1835, 78.8987, 100.8639 by changing the saturation by 10% instead.

60.1835, 78.8987,
100.8639

60.1835, 78.8987,
100.8639

415.0977,
491.2136, 584.2292

43.8166, 58.8125,
76.4013

104.2006,
131.8162, 164.4061

30.7236, 42.4622,
56.2530

132.5816,
165.4164, 204.3228

20.5393, 29.4634,
40.0005

165.6979,
204.2900, 250.2279

12.8982, 19.4316,
27.2251

203.9150,
248.8215, 302.5400

7.4350, 11.9826,
17.5084

247.5981,
299.3951, 361.6777

3.7843, 6.7318,
10.4319

297.1127,

1.5809, 3.2950,

356.3955, 428.0594

5.5769

352.8241,
420.2068, 502.1037

■ 0.3799, 1.2876,
2.5250

■ 0.0000, 0.1316,
0.8533

■ 60.1835, 78.8987,
100.8639

■ 60.1835, 78.8987,
100.8639

■ 56.7214, 77.1158,
100.7032

■ 64.5746, 81.1642,
101.0716

■ 54.1151, 75.7722,
100.5807


■ 69.9471, 83.9339,
101.3235


■ 52.2922, 74.8325,
100.4950


■ 76.3582, 87.2389,
101.6240

■ 51.1651, 74.2514,
100.4418


■ 83.8583, 91.1053,
101.9754


 50.6245, 73.9728,
100.4160


 91.7527, 95.1750,
102.3453

 50.5118, 73.9147,
100.4106

 91.7528, 95.1750,
102.3458

 91.7529, 95.1751,
102.3462

 91.7529, 95.1751,
102.3467

 91.7530, 95.1752,
102.3471

Harmonies

Analogous

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



59.8887, 78.8987, 75.8205



60.1835, 78.8987, 100.8639



64.2475, 78.8987, 125.9301

Triad

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



60.1835, 78.8987, 100.8639



87.9041, 78.8987, 122.5093



78.7206, 78.8987, 47.2718

Complementary

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



60.1835, 78.8987, 100.8639



51.3352, 38.4272, 26.9044

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.



86.8697, 78.8987, 55.4138



60.1835, 78.8987, 100.8639



92.4397, 78.8987, 96.8512

Square

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



60.1835, 78.8987, 100.8639



80.0460, 78.8987, 139.9845



92.0472, 78.8987, 72.5075



70.1531, 78.8987, 47.9324

Rectangle

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



60.1835, 78.8987, 100.8639



68.7380, 78.8987, 137.8454



92.0472, 78.8987, 72.5075



81.6119, 78.8987, 48.9924

Sweetspot

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



60.1858, 78.9018, 100.8657



83.1136, 93.8466, 108.3407



47.7817, 73.9754, 33.9523



17.4406, 19.9070, 23.1730



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.



60.1858, 78.9018, 100.8657



60.5171, 82.1977, 107.2812



45.5598, 49.6490, 95.9924



17.7659, 19.6086, 22.2337



27.2854, 39.9272, 54.2398



2.5271, 3.6979, 5.0236

Inverse Universe

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



51.3352, 38.4272, 26.9044



49.9922, 34.0669, 19.3293



61.0559, 57.8689, 30.1438



17.2447, 17.2252, 17.8784



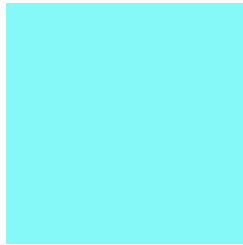
20.9119, 10.7805, 0.9788



1.9368, 0.9985, 0.0907

Previews

White Background



This preview shows how the XYZ color 60.1835, 78.8987, 100.8639 looks on a white background.

Color Contrast Check

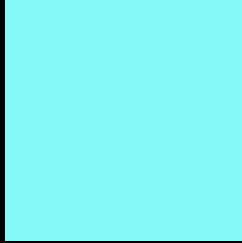
Large Text (above 18pt) WCAG AA × Fail

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 60.1835, 78.8987, 100.8639 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 60.1835, 78.8987, 100.8639

Background



This preview shows how black text looks on a background with the XYZ color 60.1835, 78.8987, 100.8639.

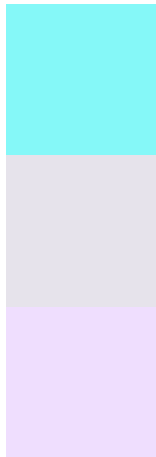


This preview shows how white text looks on a background with the XYZ color 60.1835, 78.8987,

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

60.1835, 78.8987, 100.8639

Protanopia

75.0976, 77.7593, 89.6482

Deuteranopia

79.6073, 77.7490, 104.5772



Tritanopia

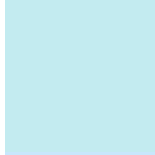
66.2999, 78.7885, 106.3211

Trichromacy



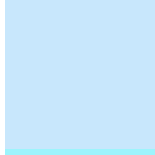
Original Color

60.1835, 78.8987, 100.8639



Protanomaly

67.9422, 77.3100, 93.7795



Deuteranomaly

69.9660, 76.4595, 103.1660



Tritanomaly

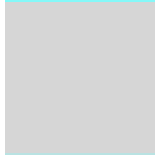
63.8260, 78.8977, 103.9603

Monochromacy



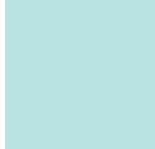
Original Color

60.1835, 78.8987, 100.8639



Achromatopsia

63.9157, 67.2443, 73.2291



Achromatomaly

60.9314, 70.1980, 82.2896

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.1835, 78.8987, 100.8639 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(133, 248, 248)` looks like.

```
.text, #text, p{  
    color:rgb(133, 248, 248)  
}
```

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(133, 248, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 248, 248) }
```

Border

The CSS property to change the border of an element to XYZ 60.1835, 78.8987, 100.8639 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(133, 248, 248) }
```


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

```
.border{ border-color:rgb(133, 248, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 248, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 248, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 248, 248);  
box-shadow:4px 4px 4px 4px rgb(133, 248,  
248) }
```

Background

The CSS property to change the background color of an element to XYZ 60.1835, 78.8987, 100.8639 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 248, 248) }
```

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

```
.background{ background-color: rgb(133,  
248, 248) }
```

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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