

Converting Colors

XYZ(59.6833, 73.8987, 88.2722)

Have a look what the booklet for
XYZ(59.6833, 73.8987, 88.2722)
contains.

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Color

**XYZ(59.6901, 74.0286,
88.2337)**

Conversions

Conversions Part 1

Format	Color
Hex	A1EDE9
RGB	161, 237, 233
RGB Percent	63%, 93%, 91%
CMY	0.3686, 0.0706, 0.0863
CMYK	0.32, 0.00, 0.02, 0.07
HSL	177°, 68%, 78%
HSV	177°, 32%, 93%
XYZ	59.6901, 74.0286, 88.2337
YIQ	213.8200, -44.0120, -17.3560

Conversions

Conversions Part 2

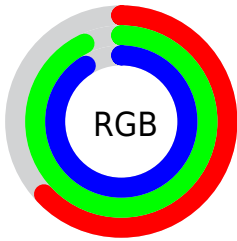
Format	Color
RYB	161, 200, 237
Decimal	10612201
CIELab	88.94, -24.13, -5.54
CIELCh	89, 24.759, 192.922
Yxy	74.0286, 0.2689, 0.3335
Android (android.graphics.Color)	4288802281 (0xFFA1EDE9)
YUV	213.8200, 9.4557, -46.3231
Hunter-Lab	86.0399, -26.7355, -0.5739

Details

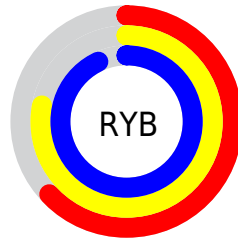
The XYZ color **59.6901, 74.0286, 88.2337** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **54.4640, 46.2130, 41.6496**, and the grayscale version is **63.7569, 67.0772, 73.0471**.

A 20% lighter version of the original color is **82.7234, 93.6454, 108.3231**, and **30.4035, 39.2862, 47.5755** is the 20% darker color. If you saturate the color by 10%, you get **55.1822, 71.7271, 87.0967**, and if you desaturate by 10%, it is **65.1088, 76.8032, 89.4231**.

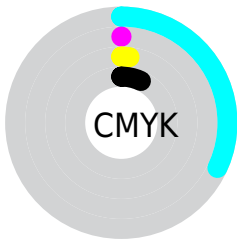
Distribution



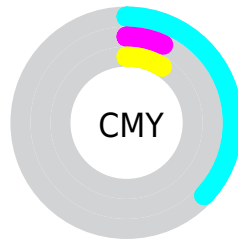
- Red (63%)
- Green (93%)
- Blue (91%)



- Red (63%)
- Yellow (78%)
- Blue (93%)



- Cyan (32%)
- Magenta (0%)
- Yellow (2%)
- Black (7%)



- Cyan (37%)
- Magenta (7%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.6901, 74.0286, 88.2337 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 59.6901, 74.0286, 88.2337 by changing the saturation by 10% instead.

■ 59.6901, 74.0286,
88.2337

■ 59.6901, 74.0286,
88.2337

413.3076,
474.5721, 542.6894

■ 43.4174, 54.8174,
65.9512

■ 103.4889,
124.9363, 146.7965

■ 30.4087, 39.2556,
47.7766

■ 131.7457,
157.4017, 183.9138

■ 20.2986, 26.9586,
33.2912

164.7279,
195.0540, 226.8132

■ 12.7218, 17.5421,
22.0767

202.8009,
238.2775, 275.9131

■ 7.3129, 10.6218,
13.7144

246.3300,
287.4567, 331.6322

■ 3.7066, 5.8131,
7.7858

295.6806,

■ 1.5375, 2.7318,

342.9759, 394.3889

3.8724

351.2180,
405.2196, 464.6018

■ 0.3512, 0.9934,
1.5556

■ 0.0000, 0.0000,
0.2588

■ 59.6901, 74.0286,
88.2337

■ 59.6901, 74.0286,
88.2337

■ 55.1822, 71.7271,
87.0967

■ 65.1088, 76.8032,
89.4231

■ 51.5273, 69.8633,
86.0046

■ 71.4791, 80.0664,
90.6621

■ 48.6711, 68.4111,
84.9564

■ 78.8471, 83.8438,
91.9543

■ 46.5506, 67.3381,
83.9492

■ 86.9572, 88.0036,
93.2879

■ 45.0930, 66.6066,
82.9796

■ 87.1413, 88.0772,
94.2572

■ 44.2107, 66.1716,
82.0434

■ 87.3267, 88.1514,
95.2333

■ 43.8109, 65.9811,
81.3194

■ 87.5133, 88.2260,
96.2160

■ 87.7012, 88.3012,
97.2055

■ 87.8904, 88.3768,
98.2017

Harmonies

Analogous

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



59.8846, 74.0286, 71.2719



59.6901, 74.0286, 88.2337



62.2354, 74.0286, 105.3057

Triad

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



59.6901, 74.0286, 88.2337



78.5278, 74.0286, 107.3463



73.8100, 74.0286, 52.9295

Complementary

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



59.6901, 74.0286, 88.2337



54.4640, 46.2130, 41.6496

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.



79.1669, 74.0286, 60.1038



59.6901, 74.0286, 88.2337



81.9952, 74.0286, 90.7183

Square

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



59.6901, 74.0286, 88.2337



72.9777, 74.0286, 117.3515



82.2356, 74.0286, 73.4284



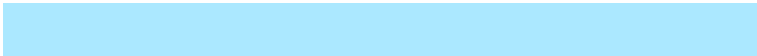
67.8095, 74.0286, 52.4617

Rectangle

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



59.6901, 74.0286, 88.2337



65.2323, 74.0286, 113.8052



82.2356, 74.0286, 73.4284



75.7538, 74.0286, 54.5844

Sweetspot

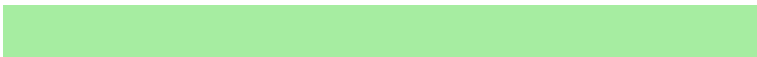
The Sweet Spot groups the original color and five complimentary colors.



59.6923, 74.0316, 88.2354



86.0674, 95.3942, 107.3549



52.4593, 71.2588, 44.7092



18.1725, 20.2904, 22.9330



0.0000, 0.0000, 0.0000



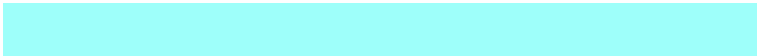
20.3446, 21.4041, 23.3091

Same Dimension

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



59.6923, 74.0316, 88.2354



67.1193, 85.6949, 103.3607



51.5949, 56.9114, 88.3897



15.4814, 17.1074, 19.2179



23.9339, 36.0280, 44.4785



1.8899, 2.8333, 3.5481

Inverse Universe

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



54.4640, 46.2130, 41.6496



60.1130, 48.3995, 40.9197



60.6376, 59.1342, 41.9379



15.0976, 15.0669, 15.7994



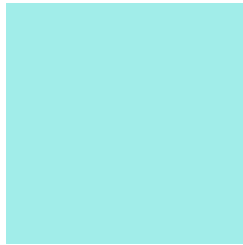
19.1200, 9.8507, 1.1675



1.5127, 0.7781, 0.1514

Previews

White Background



This preview shows how the XYZ color 59.6901, 74.0286, 88.2337 looks on a white background.

Color Contrast Check

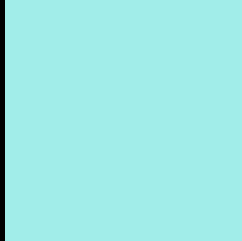
Large Text (above 18pt) WCAG AA × Fail

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 59.6901, 74.0286, 88.2337 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

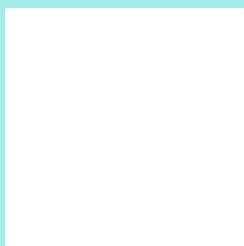
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 59.6901, 74.0286, 88.2337

Background



This preview shows how black text looks on a background with the XYZ color 59.6901, 74.0286, 88.2337.



This preview shows how white text looks on a background with the XYZ color 59.6901, 74.0286,

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

59.6901, 74.0286, 88.2337

Protanopia

70.6750, 73.2635, 80.9373

Deuteranopia

74.7670, 73.2307, 90.3151



Tritanopia

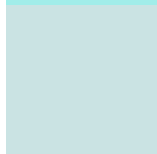
62.8783, 74.0445, 103.9065

Trichromacy



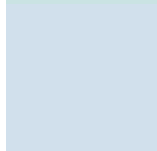
Original Color

59.6901, 74.0286, 88.2337



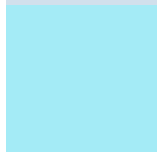
Protanomaly

65.6913, 73.0408, 83.3090



Deuteranomaly

68.0905, 72.9227, 89.8436



Tritanomaly

61.6527, 73.9630, 98.2156

Monochromacy



Original Color

59.6901, 74.0286, 88.2337



Achromatopsia

63.9157, 67.2443, 73.2291



Achromatomaly

61.6781, 69.0651, 78.4867

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.6901, 74.0286, 88.2337 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(161, 237, 233)` looks like.

```
.text, #text, p{  
    color:rgb(161, 237, 233)  
}
```

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(161, 237, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 237, 233) }
```

Border

The CSS property to change the border of an element to XYZ 59.6901, 74.0286, 88.2337 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(161, 237, 233) }
```


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

```
.border{ border-color:rgb(161, 237, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 237, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 237, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 237, 233);  
box-shadow:4px 4px 4px 4px rgb(161, 237,  
233) }
```

Background

The CSS property to change the background color of an element to XYZ 59.6901, 74.0286, 88.2337 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 237, 233) }
```

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

```
.background{ background-color: rgb(161,  
237, 233) }
```

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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