

Converting Colors

XYZ(58.7335, 74.3328, 91.3899)

Have a look what the booklet for
XYZ(58.7335, 74.3328, 91.3899)
contains.

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Color

**XYZ(58.7302, 74.3315,
91.3728)**

Conversions

Conversions Part 1

Format	Color
Hex	96EFED
RGB	150, 239, 237
RGB Percent	59%, 94%, 93%
CMY	0.4118, 0.0627, 0.0706
CMYK	0.37, 0.00, 0.01, 0.06
HSL	179°, 74%, 76%
HSV	179°, 37%, 94%
XYZ	58.7302, 74.3315, 91.3728
YIQ	212.1610, -52.4020, -19.4900

Conversions

Conversions Part 2

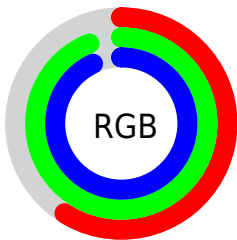
Format	Color
R_{YB}	150, 195, 239
Decimal	9891821
CIE Lab	89.08, -27.06, -7.48
CIE LCh	89, 28.070, 195.446
Yxy	74.3315, 0.2617, 0.3312
Android (android.graphics.Color)	4288081901 (0xFF96EFED)
YUV	212.1610, 12.2456, -54.5152
Hunter-Lab	86.2157, -29.2832, -2.4855

Details

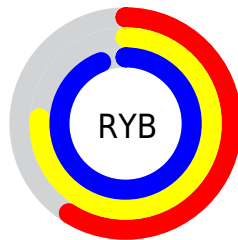
The XYZ color **58.7302, 74.3315, 91.3728** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **52.1730, 42.4324, 35.1488**, and the grayscale version is **62.6342, 65.8961, 71.7608**.

A 20% lighter version of the original color is **79.8224, 92.1499, 108.1874**, and **29.7882, 39.5303, 49.7762** is the 20% darker color. If you saturate the color by 10%, you get **54.6950, 72.2621, 90.7760**, and if you desaturate by 10%, it is **63.6669, 76.8692, 92.0163**.

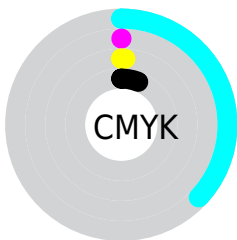
Distribution



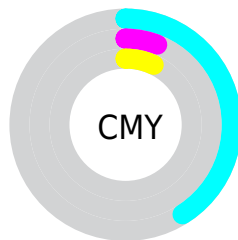
- Red (59%)
- Green (94%)
- Blue (93%)



- Red (59%)
- Yellow (76%)
- Blue (94%)



- Cyan (37%)
- Magenta (0%)
- Yellow (1%)
- Black (6%)



- Cyan (41%)
- Magenta (6%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.7302, 74.3315, 91.3728 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 58.7302, 74.3315, 91.3728 by changing the saturation by 10% instead.

58.7302, 74.3315,
91.3728

58.7302, 74.3315,
91.3728

409.8115,
475.6167, 553.1714

42.6415, 55.0654,
68.5397

102.1023,
125.3656, 151.1959

29.7972, 39.4541,
49.8675

130.1164,
157.9024, 189.0231

19.8320, 27.1132,
34.9377

162.8364,
195.6316, 232.6853

12.3806, 17.6582,
23.3317

200.6276,
238.9375, 282.6011

7.0775, 10.7049,
14.6310

243.8553,
288.2046, 339.1891

3.5573, 5.8688,
8.4171

292.8850,

1.4549, 2.7654,

343.8172, 402.8677

4.2714

348.0819,
406.1598, 474.0557

■ 0.2948, 1.0105,
1.7754

■ 0.0000, 0.0000,
0.4116

■ 58.7302, 74.3315,
91.3728

■ 58.7302, 74.3315,
91.3728

■ 54.6950, 72.2621,
90.7760

■ 63.6669, 76.8692,
92.0163

■ 51.4998, 70.6240,
90.2181

■ 69.5489, 79.8923,
92.7036

■ 49.0860, 69.3887,
89.6980

■ 76.4248, 83.4278,
93.4387

■ 47.3845, 68.5205,
89.2124

■ 84.3380, 87.4981,
94.2236

■ 46.3142, 67.9777,
88.7576

■ 87.7900, 89.2685,
94.8009

■ 45.7694, 67.7057,
88.3287

■ 87.8699, 89.3004,
95.2216

■ 45.6654, 67.6546,
88.2126

■ 87.9501, 89.3325,
95.6436

■ 88.0304, 89.3646,
96.0669

■ 88.1111, 89.3969,
96.4913

Harmonies

Analogous

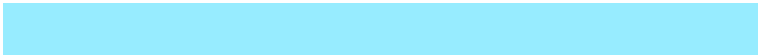
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



58.6834, 74.3315, 71.8446



58.7302, 74.3315, 91.3728



61.8293, 74.3315, 110.8098

Triad

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



58.7302, 74.3315, 91.3728



80.4295, 74.3315, 110.2995



74.0022, 74.3315, 49.7102

Complementary

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



58.7302, 74.3315, 91.3728



52.1730, 42.4324, 35.1488

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.



80.2718, 74.3315, 56.9782



58.7302, 74.3315, 91.3728



84.1417, 74.3315, 90.7602

Square

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



58.7302, 74.3315, 91.3728



74.2064, 74.3315, 122.8788



84.0821, 74.3315, 71.3228



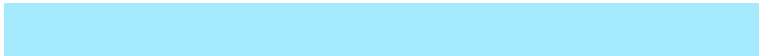
67.2088, 74.3315, 49.8199

Rectangle

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



58.7302, 74.3315, 91.3728



65.3309, 74.3315, 120.1999



84.0821, 74.3315, 71.3228



76.2499, 74.3315, 51.3129

Sweetspot

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



58.7324, 74.3344, 91.3745



85.3713, 95.0222, 107.9175



49.5043, 70.7071, 39.8943



18.0393, 20.2185, 23.0739



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.



58.7324, 74.3344, 91.3745



64.2544, 84.1720, 105.3033



48.2322, 52.8632, 89.3262



16.2311, 17.9225, 20.2400



25.2417, 37.3887, 48.7831



2.1047, 3.1123, 4.0839

Inverse Universe

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



52.1730, 42.4324, 35.1488



55.5999, 42.0674, 31.1093



59.8515, 58.0499, 36.9058



15.7872, 15.7646, 16.4358



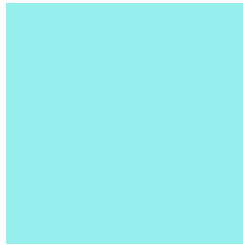
19.6941, 10.1501, 1.0398



1.6434, 0.8464, 0.1130

Previews

White Background



This preview shows how the XYZ color 58.7302, 74.3315, 91.3728 looks on a white background.

Color Contrast Check

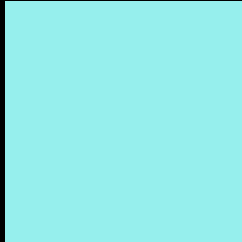
Large Text (above 18pt) WCAG AA × Fail

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 58.7302, 74.3315, 91.3728 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

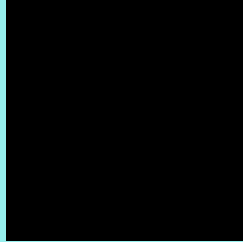
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.7302, 74.3315, 91.3728

Background



This preview shows how black text looks on a background with the XYZ color 58.7302, 74.3315, 91.3728.



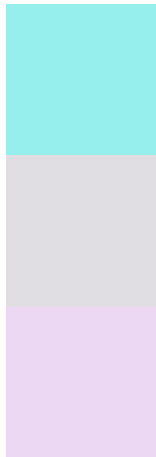
This preview shows how white text looks on a background with the XYZ color 58.7302, 74.3315,

91.3728.

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

58.7302, 74.3315, 91.3728

Protanopia

71.0377, 73.7962, 83.1730

Deuteranopia

75.1750, 73.3554, 94.2013



Tritanopia

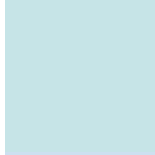
61.5630, 74.1795, 105.6811

Trichromacy



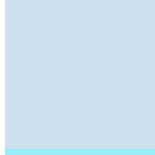
Original Color

58.7302, 74.3315, 91.3728



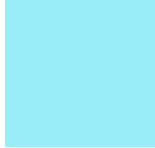
Protanomaly

65.4559, 73.2621, 86.2924



Deuteranomaly

67.5607, 72.5817, 92.8869



Tritanomaly

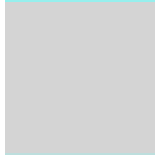
60.3643, 74.1180, 99.9316

Monochromacy



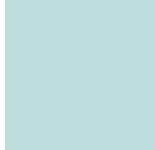
Original Color

58.7302, 74.3315, 91.3728



Achromatopsia

62.5785, 65.8375, 71.6970



Achromatomaly

60.1587, 68.2818, 78.4156

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.7302, 74.3315, 91.3728 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(150, 239, 237)` looks like.

```
.text, #text, p{  
    color:rgb(150, 239, 237)  
}
```

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(150, 239, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 239, 237) }
```

Border

The CSS property to change the border of an element to XYZ 58.7302, 74.3315, 91.3728 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(150, 239, 237) }
```


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

```
.border{ border-color:rgb(150, 239, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 239, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 239, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 239, 237);  
box-shadow:4px 4px 4px 4px rgb(150, 239,  
237) }
```

Background

The CSS property to change the background color of an element to XYZ 58.7302, 74.3315, 91.3728 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 239, 237) }
```

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

```
.background{ background-color: rgb(150,  
239, 237) }
```

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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