

Converting Colors

XYZ(58.6881, 71.2183, 90.7753)

Have a look what the booklet for
XYZ(58.6881, 71.2183, 90.7753)
contains.

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Color

**XYZ(58.8406, 71.4047,
90.8020)**

Conversions

Conversions Part 1

Format	Color
Hex	A1E8ED
RGB	161, 232, 237
RGB Percent	63%, 91%, 93%
CMY	0.3686, 0.0902, 0.0706
CMYK	0.32, 0.02, 0.00, 0.07
HSL	184°, 68%, 78%
HSV	184°, 32%, 93%
XYZ	58.8406, 71.4047, 90.8020
YIQ	211.3410, -43.9210, -13.4970

Conversions

Conversions Part 2

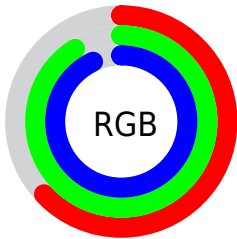
Format	Color
RYB	161, 198, 237
Decimal	10610925
CIELab	87.68, -20.76, -9.49
CIElCh	88, 22.831, 204.567
Yxy	71.4047, 0.2662, 0.3230
Android (android.graphics.Color)	4288801005 (0xFFA1E8ED)
YUV	211.3410, 12.6499, -44.1491
Hunter-Lab	84.5013, -23.5828, -4.5599

Details

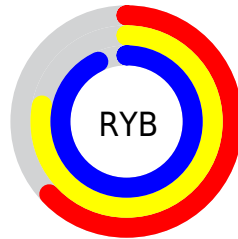
The XYZ color **58.8406, 71.4047, 90.8020** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **54.9952, 47.8508, 40.0573**, and the grayscale version is **62.0838, 65.3170, 71.1302**.

A 20% lighter version of the original color is **82.7234, 93.6454, 108.3231**, and **29.8097, 37.4510, 49.3737** is the 20% darker color. If you saturate the color by 10%, you get **54.0736, 68.3006, 90.4553**, and if you desaturate by 10%, it is **64.5209, 74.9889, 91.1956**.

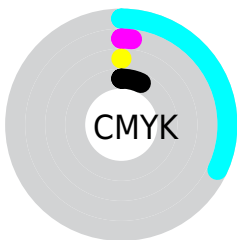
Distribution



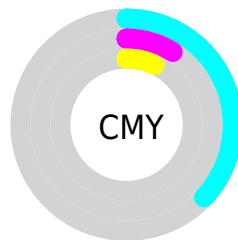
- Red (63%)
- Green (91%)
- Blue (93%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.8406, 71.4047, 90.8020 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 58.8406, 71.4047, 90.8020 by changing the saturation by 10% instead.

■ 58.8406, 71.4047,
90.8020

■ 58.8406, 71.4047,
90.8020

410.2145,
465.4669, 551.2736

■ 42.7307, 52.6725,
68.0686

■ 102.2619,
121.2098, 150.3971

■ 29.8675, 37.5414,
49.4865

■ 130.3040,
153.0515, 188.0959

■ 19.8856, 25.6270,
34.6372

163.0542,
190.0318, 231.6202

■ 12.4197, 16.5448,
23.1022

200.8779,
232.5352, 281.3886

■ 7.1044, 9.9105,
14.4630

244.1405,
280.9460, 337.8196

■ 3.5744, 5.3396,
8.3010

293.2072,

■ 1.4643, 2.4479,

335.6486, 401.3317

4.1976

348.4434,
397.0275, 472.3435

■ 0.3013, 0.8504,
1.7344

■ 0.0000, 0.0000,
0.3841

■ 58.8406, 71.4047,
90.8020

■ 58.8406, 71.4047,
90.8020

■ 54.0736, 68.3006,
90.4553

■ 64.5209, 74.9889,
91.1956

■ 50.1624, 65.6417,
90.1482

■ 71.1554, 79.0690,
91.6335

■ 47.0525, 63.4016,
89.8798

■ 78.7902, 83.6706,
92.1193

■ 44.6807, 61.5478,
89.6469

■ 87.1701, 88.6622,
92.6411

■ 42.9745, 60.0428,
89.4464

■ 87.6265, 89.5748,
92.7932

■ 41.8463, 58.8415,
89.2740

■ 88.0867, 90.4953,
92.9466

■ 41.2531, 58.0481,
89.1521

■ 88.5509, 91.4237,
93.1014

■ 89.0191, 92.3601,
93.2574

■ 89.4912, 93.3043,
93.4148

Harmonies

Analogous

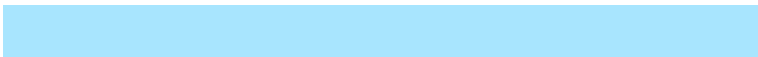
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



58.0307, 71.4047, 74.9608



58.8406, 71.4047, 90.8020



62.0144, 71.4047, 104.6336

Triad

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



58.8406, 71.4047, 90.8020



76.7010, 71.4047, 96.3288



68.8577, 71.4047, 51.7024

Complementary

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



58.8406, 71.4047, 90.8020



54.9952, 47.8508, 40.0573

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.



74.0789, 71.4047, 55.9134



58.8406, 71.4047, 90.8020



78.7586, 71.4047, 80.6026

Square

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



58.8406, 71.4047, 90.8020



72.2851, 71.4047, 108.1098



77.7746, 71.4047, 66.0085



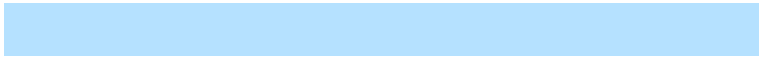
63.6347, 71.4047, 53.6796

Rectangle

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



58.8406, 71.4047, 90.8020



65.1374, 71.4047, 110.1436



77.7746, 71.4047, 66.0085



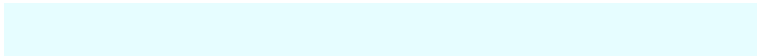
70.6739, 71.4047, 52.4222

Sweetspot

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



58.8427, 71.4075, 90.8036



85.7503, 94.4152, 108.3122



51.7569, 70.8561, 46.4522



18.0952, 20.0516, 23.1666



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

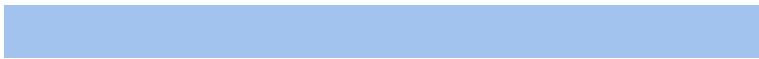
The Same Dimension uses a secret algorithm to generate beautiful new colors.



58.8427, 71.4075, 90.8036



65.9311, 82.0210, 106.9644



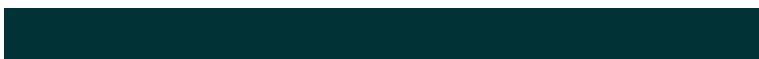
49.5454, 52.8130, 87.7046



15.4279, 16.9423, 19.3793



22.5606, 31.7681, 48.6858



1.7972, 2.5458, 3.8315

Inverse Universe

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



62.2371, 49.3221, 82.5870



70.5249, 52.5642, 95.7477



62.6682, 63.1967, 42.6150



15.6696, 15.2957, 18.8112



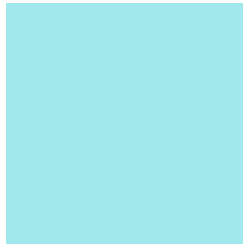
26.2428, 12.6998, 38.6757



2.0736, 1.0024, 3.1051

Previews

White Background



This preview shows how the XYZ color 58.8406, 71.4047, 90.8020 looks on a white background.

Color Contrast Check

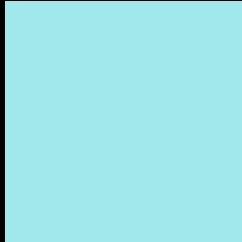
Large Text (above 18pt) WCAG AA × Fail

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 58.8406, 71.4047, 90.8020 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

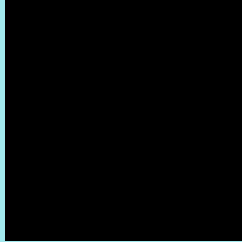
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.8406, 71.4047, 90.8020

Background



This preview shows how black text looks on a background with the XYZ color 58.8406, 71.4047, 90.8020.

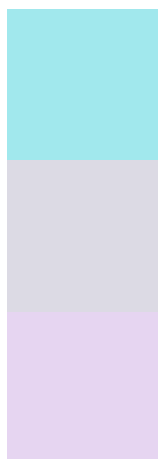


This preview shows how white text looks on a background with the XYZ color 58.8406, 71.4047,

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

58.8406, 71.4047, 90.8020

Protanopia

68.5902, 70.9599, 83.4803

Deuteranopia

72.3046, 70.7624, 93.0667



Tritanopia

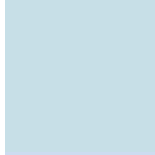
60.7055, 71.3257, 100.1902

Trichromacy



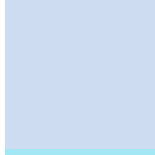
Original Color

58.8406, 71.4047, 90.8020



Protanomaly

64.3647, 70.6870, 85.8529



Deuteranomaly

66.4982, 70.4568, 92.5328



Tritanomaly

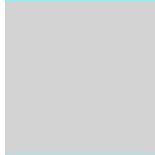
60.1616, 71.5309, 97.0222

Monochromacy



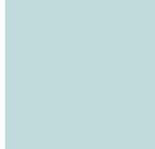
Original Color

58.8406, 71.4047, 90.8020



Achromatopsia

61.9161, 65.1406, 70.9381



Achromatomaly

60.2421, 67.1678, 77.4997

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.8406, 71.4047, 90.8020 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, 232, 237)` looks like.

```
.text, #text, p{  
    color:rgb(161, 232, 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(161, 232, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 232, 237) }
```

Border

The CSS property to change the border of an element to XYZ 58.8406, 71.4047, 90.8020 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, 232, 237) }
```


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

```
.border{ border-color:rgb(161, 232, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 232, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 232, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 232, 237);  
box-shadow:4px 4px 4px 4px rgb(161, 232,  
237) }
```

Background

The CSS property to change the background color of an element to XYZ 58.8406, 71.4047, 90.8020 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 232, 237) }
```

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

```
.background{ background-color: rgb(161,  
232, 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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