

Converting Colors

XYZ(56.0884, 72.1984, 89.5977)

Have a look what the booklet for
XYZ(56.0884, 72.1984, 89.5977)
contains.

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Color

**XYZ(56.0948, 72.1420,
89.5655)**

Conversions

Conversions Part 1

Format	Color
Hex	8CEDEB
RGB	140, 237, 235
RGB Percent	55%, 93%, 92%
CMY	0.4510, 0.0706, 0.0784
CMYK	0.41, 0.00, 0.01, 0.07
HSL	179°, 73%, 74%
HSV	179°, 41%, 93%
XYZ	56.0948, 72.1420, 89.5655
YIQ	207.7690, -57.1700, -21.1860

Conversions

Conversions Part 2

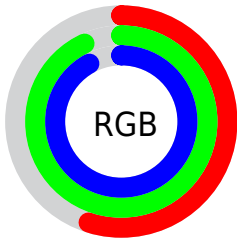
Format	Color
RYB	140, 189, 237
Decimal	9235947
CIELab	88.04, -29.03, -8.02
CIELCh	88, 30.120, 195.444
Yxy	72.1420, 0.2575, 0.3312
Android (android.graphics.Color)	4287426027 (0xFF8CEDEB)
YUV	207.7690, 13.4249, -59.4334
Hunter-Lab	84.9364, -30.7516, -3.0658

Details

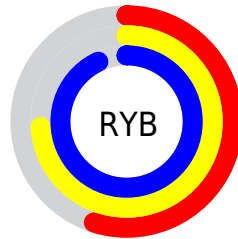
The XYZ color **56.0948, 72.1420, 89.5655** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **49.1881, 38.7158, 30.4742**, and the grayscale version is **59.7488, 62.8604, 68.4550**.

A 20% lighter version of the original color is **77.0987, 90.7458, 108.0599**, and **28.1402, 38.0963, 48.5180** is the 20% darker color. If you saturate the color by 10%, you get **52.4533, 70.2746, 89.0281**, and if you desaturate by 10%, it is **60.6008, 74.4585, 90.1475**.

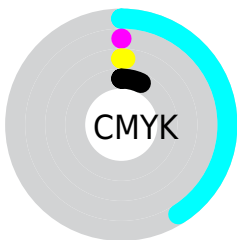
Distribution



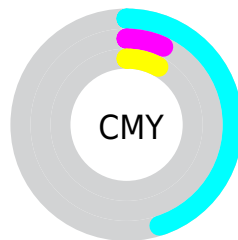
- Red (55%)
- Green (93%)
- Blue (92%)



- Red (55%)
- Yellow (74%)
- Blue (93%)



- Cyan (41%)
- Magenta (0%)
- Yellow (1%)
- Black (7%)



- Cyan (45%)
- Magenta (7%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.0948, 72.1420, 89.5655 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 56.0948, 72.1420, 89.5655 by changing the saturation by 10% instead.

56.0948, 72.1420,
89.5655

56.0948, 72.1420,
89.5655

400.1179,
468.0357, 547.1500

40.5162, 53.2747,
67.0486

98.2822, 122.2584,
148.6649

28.1273, 38.0221,
48.6623

125.6217,
154.2763, 186.0846

18.5626, 25.9998,
33.9880

157.6123,
191.4464, 229.3090

11.4568, 16.8235,
22.6071

194.6192,
234.1533, 278.7566

6.4445, 10.1087,
14.1011

237.0079,
282.7813, 334.8459

3.1604, 5.4711,
8.0514

285.1436,

1.2391, 2.5262,

337.7147, 397.9956

4.0396

339.3919,
399.3381, 468.6241

■ 0.1369, 0.8897,
1.6471

■ 0.0000, 0.0000,
0.3241

■ 56.0948, 72.1420,
89.5655

■ 56.0948, 72.1420,
89.5655

■ 52.4533, 70.2746,
89.0281

■ 60.6008, 74.4585,
90.1475

■ 49.6141, 68.8191,
88.5277


■ 66.0156, 77.2417,
90.7715


■ 47.5171, 67.7462,
88.0630


■ 72.3882, 80.5187,
91.4414


■ 46.0908, 67.0190,
87.6308


■ 79.7623, 84.3119,
92.1591


 45.2499, 66.5935,
87.2269


 86.8770, 87.9714,
92.8657

 44.8667, 66.4033,
86.8791

 86.9488, 88.0001,
93.2437

 87.0208, 88.0289,
93.6228

 87.0930, 88.0578,
94.0028

 87.1653, 88.0868,
94.3839

Harmonies

Analogous

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



56.0464, 72.1420, 69.0191



56.0948, 72.1420, 89.5655



59.3247, 72.1420, 110.2541

Triad

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



56.0948, 72.1420, 89.5655



78.8926, 72.1420, 109.7117



72.1003, 72.1420, 46.1385

Complementary

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



56.0948, 72.1420, 89.5655



49.1881, 38.7158, 30.4742

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.



78.7266, 72.1420, 53.5939



56.0948, 72.1420, 89.5655



82.8300, 72.1420, 88.9210

Square

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



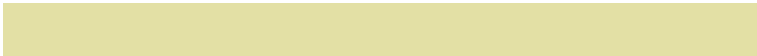
56.0948, 72.1420, 89.5655



72.3142, 72.1420, 123.1971



82.7672, 72.1420, 68.4776



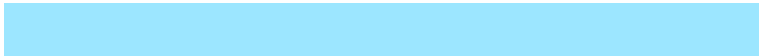
64.9550, 72.1420, 46.2499

Rectangle

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



56.0948, 72.1420, 89.5655



62.9856, 72.1420, 120.3173



82.7672, 72.1420, 68.4776



74.4725, 72.1420, 47.7769

Sweetspot

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



56.0969, 72.1448, 89.5672



84.5730, 94.6107, 107.8796



46.3882, 68.3252, 35.5557



17.8804, 20.1365, 23.0680



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.



56.0969, 72.1448, 89.5672



62.6110, 83.3247, 105.2285



44.8946, 49.2746, 87.2687



15.5035, 17.1162, 19.3341



24.5010, 36.2549, 47.4649



1.9282, 2.8486, 3.7498

Inverse Universe

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



49.1881, 38.7158, 30.4742



53.4374, 38.9218, 26.7526



57.0660, 54.7102, 32.3650



15.0781, 15.0591, 15.6965



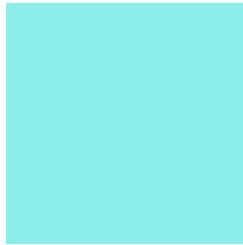
19.0883, 9.8380, 1.0002



1.5033, 0.7743, 0.1020

Previews

White Background



This preview shows how the XYZ color 56.0948, 72.1420, 89.5655 looks on a white background.

Color Contrast Check

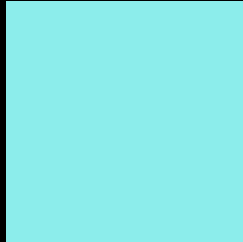
Large Text (above 18pt) WCAG AA × Fail

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 56.0948, 72.1420, 89.5655 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

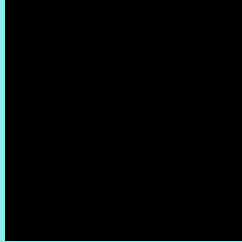
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.0948, 72.1420, 89.5655

Background



This preview shows how black text looks on a background with the XYZ color 56.0948, 72.1420, 89.5655.

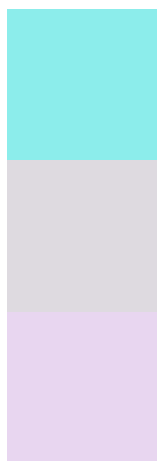


This preview shows how white text looks on a background with the XYZ color 56.0948, 72.1420,

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

56.0948, 72.1420, 89.5655

Protanopia

68.6502, 71.0542, 80.6176

Deuteranopia

73.0535, 71.5402, 92.3964



Tritanopia

58.8295, 71.9572, 103.7170

Trichromacy



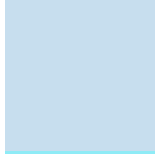
Original Color

56.0948, 72.1420, 89.5655



Protanomaly

62.6670, 70.6583, 83.7343



Deuteranomaly

65.1071, 70.5577, 91.0764



Tritanomaly

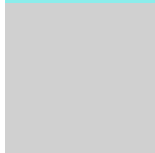
57.6706, 71.9101, 98.0293

Monochromacy



Original Color

56.0948, 72.1420, 89.5655



Achromatopsia

59.9535, 63.0757, 68.6895



Achromatomaly

57.5148, 65.7923, 75.9975

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.0948, 72.1420, 89.5655 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(140, 237, 235)` looks like.

```
.text, #text, p{  
    color:rgb(140, 237, 235)  
}
```

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(140, 237, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 237, 235) }
```

Border

The CSS property to change the border of an element to XYZ 56.0948, 72.1420, 89.5655 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(140, 237, 235) }
```


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

```
.border{ border-color:rgb(140, 237, 235) }
```

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

Here you see how a box with a 4 pixel rgb(140, 237, 235) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 237, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 237, 235);  
box-shadow:4px 4px 4px 4px rgb(140, 237,  
235) }
```

Background

The CSS property to change the background color of an element to XYZ 56.0948, 72.1420, 89.5655 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 237, 235) }
```

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

```
.background{ background-color: rgb(140,  
237, 235) }
```

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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