

Converting Colors

XYZ(56.8792, 70.1638, 87.4572)

Have a look what the booklet for
XYZ(56.8792, 70.1638, 87.4572)
contains.

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Color

**XYZ(56.8015, 70.0036,
87.6091)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 9BE7E9 |
| RGB | 155, 231, 233 |
| RGB Percent | 61%, 91%, 91% |
| CMY | 0.3921, 0.0941, 0.0863 |
| CMYK | 0.33, 0.01, 0.00, 0.09 |
| HSL | 182°, 64%, 76% |
| HSV | 182°, 33%, 91% |
| XYZ | 56.8015, 70.0036, 87.6091 |
| YIQ | 208.5040, -45.9380, -15.4900 |

Conversions

Conversions Part 2

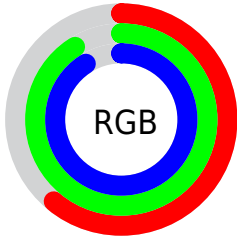
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 155, 193, 233 |
| Decimal | 10217449 |
| CIELab | 87.00, -22.80, -8.44 |
| CIELCh | 87, 24.313, 200.303 |
| Yxy | 70.0036, 0.2649, 0.3265 |
| Android (android.graphics.Color) | 4288407529 (0xFF9BE7E9) |
| YUV | 208.5040, 12.0765, -46.9230 |
| Hunter-Lab | 83.6682, -25.2373, -3.5150 |

Details

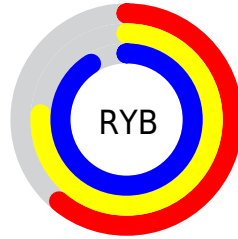
The XYZ color **56.8015, 70.0036, 87.6091** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **51.5786, 43.8049, 36.7487**, and the grayscale version is **60.2285, 63.3650, 69.0045**.

A 20% lighter version of the original color is **80.9614, 92.7370, 108.2407**, and **28.5213, 36.5436, 47.1454** is the 20% darker color. If you saturate the color by 10%, you get **52.5880, 67.5857, 87.3657**, and if you desaturate by 10%, it is **61.8825, 72.8730, 87.8963**.

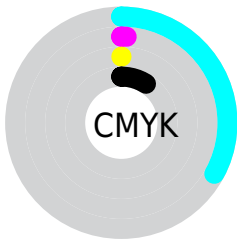
Distribution



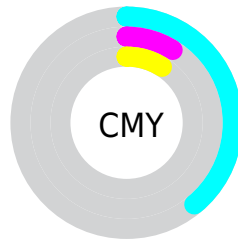
- Red (61%)
- Green (91%)
- Blue (91%)



- Red (61%)
- Yellow (76%)
- Blue (91%)



- Cyan (33%)
- Magenta (1%)
- Yellow (0%)
- Black (9%)



- Cyan (39%)
- Magenta (9%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.8015, 70.0036, 87.6091 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 56.8015, 70.0036, 87.6091 by changing the saturation by 10% instead.

56.8015, 70.0036,
87.6091

56.8015, 70.0036,
87.6091

402.7313,
460.5626, 540.5904

41.0854, 51.5295,
65.4369

99.3085, 119.2139,
145.9192

28.5738, 36.6302,
47.3618

126.8302,
150.7188, 182.8941

18.9013, 24.9213,
32.9654

159.0177,
187.3362, 225.6404

11.7026, 16.0184,
21.8290

196.2365,
229.4503, 274.5765

6.6122, 9.5372,
13.5342

238.8519,
277.4456, 330.1210

3.2650, 5.0932,
7.6624

287.2293,

1.2954, 2.3020,

331.7065, 392.6925

3.7950

341.7339,
392.6174, 462.7094

■ 0.1798, 0.7748,
1.5136

■ 0.0000, 0.0000,
0.2280

■ 56.8015, 70.0036,
87.6091

■ 56.8015, 70.0036,
87.6091

■ 52.5880, 67.5857,
87.3657

■ 61.8825, 72.8730,
87.8963

■ 49.1859, 65.5852,
87.1588

■ 67.8706, 76.2092,
88.2247

■ 46.5425, 63.9766,
86.9877

■ 74.8104, 80.0368,
88.5977

■ 44.5961, 62.7282,
86.8493

■ 82.7418, 84.3765,
89.0173

■ 43.2753, 61.8032,
86.7404

■ 85.3675, 85.9819,
89.1888

■ 42.4938, 61.1570,
86.6568

■ 85.5377, 86.3222,
89.2455

■ 42.1868, 60.8405,
86.6119

■ 85.7084, 86.6636,
89.3024

■ 85.8797, 87.0062,
89.3595

■ 86.0516, 87.3500,
89.4168

Harmonies

Analogous

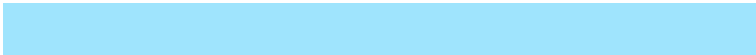
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



56.3322, 70.0036, 71.0692



56.8015, 70.0036, 87.6091



59.7954, 70.0036, 102.9373

Triad

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



56.8015, 70.0036, 87.6091



75.3067, 70.0036, 98.0186



68.3947, 70.0036, 49.3396

Complementary

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



56.8015, 70.0036, 87.6091



51.5786, 43.8049, 36.7487

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.



73.7657, 70.0036, 54.5819



56.8015, 70.0036, 87.6091



77.9038, 70.0036, 81.6181

Square

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



56.8015, 70.0036, 87.6091



70.4019, 70.0036, 109.5158



77.3243, 70.0036, 65.8670



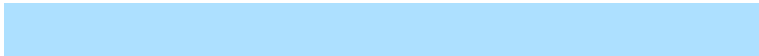
62.8149, 70.0036, 50.4688

Rectangle

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



56.8015, 70.0036, 87.6091



62.9194, 70.0036, 109.6598



77.3243, 70.0036, 65.8670



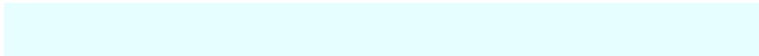
70.2893, 70.0036, 50.3830

Sweetspot

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



56.8036, 70.0064, 87.6107



86.0749, 95.0644, 108.4204



48.6841, 67.6583, 42.0809



18.1744, 20.2100, 23.1930



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.



56.8036, 70.0064, 87.6107



66.1192, 83.8570, 107.3089



47.2308, 50.8608, 84.4198



15.4827, 17.0518, 19.3976



23.9522, 34.5514, 49.1496



1.8913, 2.7341, 3.8629

Inverse Universe

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



59.7511, 46.5376, 81.4378



70.2635, 51.0954, 98.5772



59.1045, 58.8565, 39.2573



15.6972, 15.3067, 18.9567



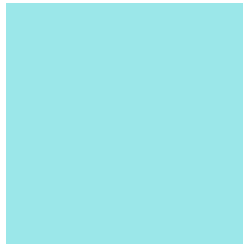
26.9453, 12.9808, 42.3745



2.1211, 1.0214, 3.3553

Previews

White Background



This preview shows how the XYZ color 56.8015, 70.0036, 87.6091 looks on a white background.

Color Contrast Check

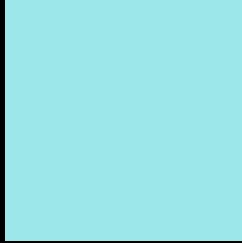
Large Text (above 18pt) WCAG AA × Fail

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 56.8015, 70.0036, 87.6091 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

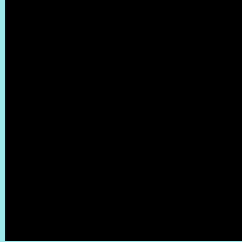
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.8015, 70.0036, 87.6091

Background



This preview shows how black text looks on a background with the XYZ color 56.8015, 70.0036, 87.6091.

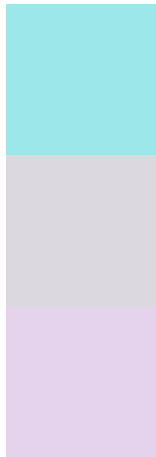


This preview shows how white text looks on a background with the XYZ color 56.8015, 70.0036,

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

56.8015, 70.0036, 87.6091

Protanopia

67.2238, 69.5536, 80.4031

Deuteranopia

70.8934, 69.3610, 89.7723



Tritanopia

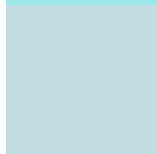
58.9084, 70.0231, 98.4067

Trichromacy



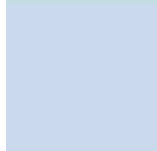
Original Color

56.8015, 70.0036, 87.6091



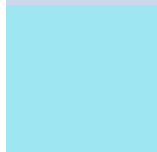
Protanomaly

62.4865, 68.9947, 82.6970



Deuteranomaly

64.5688, 68.7555, 89.2249



Tritanomaly

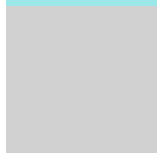
58.2285, 70.1725, 94.4801

Monochromacy



Original Color

56.8015, 70.0036, 87.6091



Achromatopsia

60.6036, 63.7597, 69.4343



Achromatomaly

58.4540, 65.5065, 75.8928

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.8015, 70.0036, 87.6091 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(155, 231, 233)` looks like.

```
.text, #text, p{  
    color:rgb(155, 231, 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(155, 231, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 231, 233) }
```

Border

The CSS property to change the border of an element to XYZ 56.8015, 70.0036, 87.6091 is called "border". The border property can be set on classes, ids or directly on the HTML element.

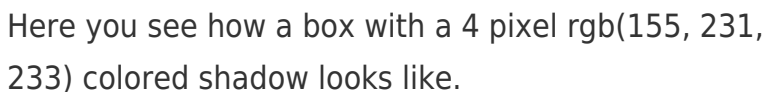
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(155, 231, 233) }
```


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

```
.border{ border-color:rgb(155, 231, 233) }
```

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



Here you see how a box with a 4 pixel `rgb(155, 231, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(155, 231, 233); -webkit-box-shadow:4px 4px 4px 4px rgb(155, 231, 233); box-shadow:4px 4px 4px 4px rgb(155, 231, 233) }
```

Background

The CSS property to change the background color of an element to XYZ 56.8015, 70.0036, 87.6091 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 231, 233) }
```

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

```
.background{ background-color: rgb(155,  
231, 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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