Converting Colors

XYZ(74.0433, 89.6299, 87.1684)

Have a look what the booklet for XYZ(74.0433, 89.6299, 87.1684) contains.

Color

XYZ(73.9903, 89.5947, 87.5225)

Conversions

Conversions Part 1

Format	Color
Hex	C9FFE5
RGB	201, 255, 229
RGB Percent	79%, 100%, 90%
CMY	0.2118, 0.0000, 0.1020
CMYK	0.21, 0.00, 0.10, 0.00
HSL	151°, 100%, 89%
HSV	151°, 21%, 100%
XYZ	73.9903, 89.5947, 87.5225
YIQ	235.8900, -23.8380, -19.5340

Conversions

Conversions Part 2

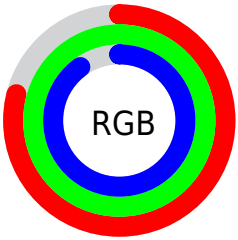
Format	Color
RYB	201, 237, 255
Decimal	13238245
CIELab	95.83, -22.06, 6.85
CIELCh	96, 23.102, 162.755
Yxy	89.5947, 0.2947, 0.3568
Android (android.graphics.Color)	4291428325 (0xFFC9FFE5)
YUV	235.8900, -3.3968, -30.5985
Hunter-Lab	94.6545, -26.1140, 11.4355

Details

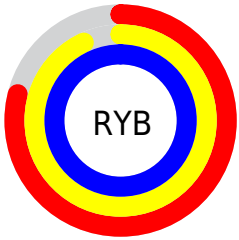
The XYZ color 73.9903, 89.5947, 87.5225 is a light color, and the websafe version is hex CCFFCC, and the color name is aero blue. A complement of this color would be 75.9923, 68.5804, 81.9054, and the grayscale version is 79.6826, 83.8323, 91.2934.

A 20% lighter version of the original color is 95.0500, 100.0000, 108.9000, and 39.6881, 49.5552, 47.5177 is the 20% darker color. If you saturate the color by 10%, you get 66.0407, 85.6876, 78.5165, and if you desaturate by 10%, it is 83.2007, 94.1376, 97.2232.

Distribution

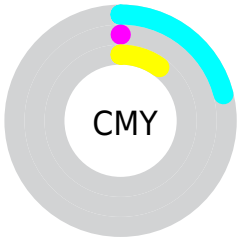


- Red (79%)
- Green (100%)
- Blue (90%)



- Red (79%)
- Yellow (93%)
- Blue (100%)

- Cyan (21%)
- Magenta (0%)
- Yellow (10%)
- Black (0%)



- Cyan (21%)
- Magenta (0%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.9903, 89.5947, 87.5225 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 73.9903, 89.5947, 87.5225 by changing the saturation by 10% instead.

73.9903, 89.5947, 87.5225

73.9903, 89.5947, 87.5225

463.4907, 526.7115, 540.2990

55.0774, 67.6445, 65.3656

123.8776, 146.7753, 145.7975

39.6977, 49.6086, 47.3044

155.5827, 182.7745, 182.7526

27.4861, 35.1025, 32.9203

192.2826, 224.2255, 225.4776

18.0771, 23.7418, 21.7948

234.3426, 271.5127, 274.3910

11.1054, 15.1422, 13.5093

282.1280, 325.0206, 329.9113

6.2056, 8.9193, 7.6453

336.0043,

3.0123, 4.6886,

385.1334, 392.4570

396.3367, 452.2356, 462.4467

3.7844

1.1603, 2.0657, 1.5078

0.0747, 0.6452, 0.2237

73.9903, 89.5947, 87.5225

66.0407, 85.6876, 78.5165

59.2909, 82.3854, 70.1853

53.6782, 79.6559, 62.5138

49.1331, 77.4637, 55.4849

73.9903, 89.5947, 87.5225

83.2007, 94.1376, 97.2232

93.7241, 99.3432, 107.6295

95.0500, 100.0000, 108.9000

45.5779, 75.7690, 49.0806

42.9238, 74.5263, 43.2819

41.0645, 73.6813, 38.0681

39.9403, 73.1921, 33.9334

Harmonies

Analogous

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

77.1124, 89.5947, 74.0041

73.9903, 89.5947, 87.5225

73.7645, 89.5947, 105.5022

Triad

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

73.9903, 89.5947, 87.5225

87.8891, 89.5947, 135.9074

94.4677, 89.5947, 75.6317

Complementary

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

73.9903, 89.5947, 87.5225

75.9923, 68.5804, 81.9054

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.

97.6662, 89.5947, 90.0142

73.9903, 89.5947, 87.5225

93.7427, 89.5947, 125.6334

Square

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

73.9903, 89.5947, 87.5225

81.5785, 89.5947, 135.0224

97.3944, 89.5947, 108.3228

88.8388, 89.5947, 67.7493

Rectangle

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

73.9903, 89.5947, 87.5225

75.2692, 89.5947, 117.7828

97.3944, 89.5947, 108.3228

95.8751, 89.5947, 79.7840

Sweetspot

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

73.9911, 89.5951, 87.5239

88.4799, 96.7474, 102.5199

78.0133, 92.0845, 68.9220

18.7915, 20.6353, 21.7982

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.

73.9911, 89.5951, 87.5239

70.8050, 88.0273, 83.9983

77.6116, 90.5849, 108.0018

18.1649, 20.3255, 21.1714

20.9456, 38.2748, 18.1308

2.0946, 3.7488, 2.0562

Inverse Universe

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

75.9923, 68.5804, 81.9054

73.1026, 63.9016, 77.5489

72.8805, 67.6723, 64.4805

18.3737, 18.1328, 20.5850

23.4841, 11.8829, 11.1996

2.3414, 1.1789, 1.3794

Previews

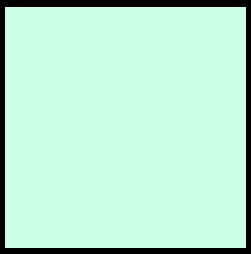
White Background

This preview shows how the XYZ color 73.9903, 89.5947, 87.5225 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



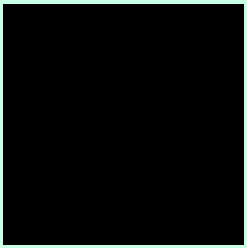
This preview shows how the XYZ color 73.9903, 89.5947, 87.5225 looks on a black background.

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 73.9903, 89.5947, 87.5225 Background



This preview shows how black text looks on a background with the XYZ color 73.9903, 89.5947, 87.5225.

This preview shows how white text looks on a background with the XYZ color 73.9903, 89.5947,

87.5225.

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
73.9903, 89.5947, 87.5225

Protanopia
84.4238, 88.6937, 81.7772

Deuteranopia
87.5391, 89.1661, 93.4859

Tritanopia
83.0007, 89.6255, 107.5326

Trichromacy

Original Color
73.9903, 89.5947, 87.5225

Protanomaly
80.1506, 88.6714, 84.1251

Deuteranomaly
81.9088, 88.9651, 91.4522

Tritanomaly
79.4237, 89.3106, 100.2414

Monochromacy

Original Color
73.9903, 89.5947, 87.5225

Achromatopsia
79.7278, 83.8799, 91.3452

Achromatomaly
77.1900, 85.6724, 89.5589

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.9903, 89.5947, 87.5225 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(201, 255, 229) looks like.

```
.text, #text, p{
    color:rgb(201, 255, 229)
}
```

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(201, 255, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 255, 229) }
```

Border

The CSS property to change the border of an element to XYZ 73.9903, 89.5947, 87.5225 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(201, 255, 229) }
```

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

```
.border{ border-color:rgb(201, 255, 229) }
```

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

Here you see how a box with a 4 pixel rgb(201, 255, 229) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(201, 255, 229); -webkit-box-shadow:4px 4px 4px 4px rgb(201, 255, 229); box-shadow:4px 4px 4px 4px rgb(201, 255, 229) }
```

Background

The CSS property to change the background color of an element to XYZ 73.9903, 89.5947, 87.5225 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(201, 255, 229) }
```

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

```
.background{ background-color:rgb(201,
255, 229) }
```

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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