

Converting Colors

XYZ(53.4185, 65.3722, 87.1205)

Have a look what the booklet for
XYZ(53.4185, 65.3722, 87.1205)
contains.

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Color

**XYZ(53.3963, 65.3975,
86.8995)**

Conversions

Conversions Part 1

Format	Color
Hex	93E0E9
RGB	147, 224, 233
RGB Percent	58%, 88%, 91%
CMY	0.4235, 0.1216, 0.0863
CMYK	0.37, 0.04, 0.00, 0.09
HSL	186°, 66%, 75%
HSV	186°, 37%, 91%
XYZ	53.3963, 65.3975, 86.8995
YIQ	202.0030, -48.7810, -13.5250

Conversions

Conversions Part 2

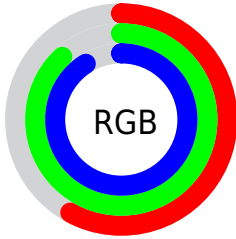
Format	Color
RYB	147, 188, 233
Decimal	9691369
CIELab	84.69, -21.43, -11.92
CIELCh	85, 24.524, 209.072
Yxy	65.3975, 0.2596, 0.3179
Android (android.graphics.Color)	4287881449 (0xFF93E0E9)
YUV	202.0030, 15.2815, -48.2376
Hunter-Lab	80.8687, -23.6596, -7.1034

Details

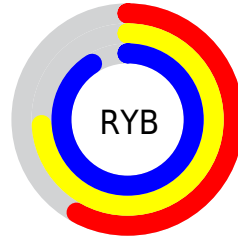
The XYZ color **53.3963, 65.3975, 86.8995** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **50.7604, 43.2082, 33.2702**, and the grayscale version is **56.0720, 58.9922, 64.2425**.

A 20% lighter version of the original color is **78.7118, 91.5774, 108.1354**, and **26.4382, 33.7744, 46.7206** is the 20% darker color. If you saturate the color by 10%, you get **48.9838, 62.1586, 86.5080**, and if you desaturate by 10%, it is **58.6683, 69.0965, 87.3367**.

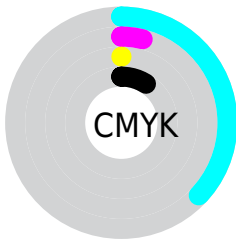
Distribution



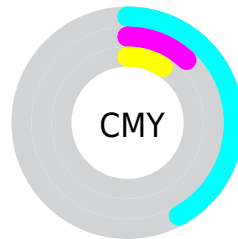
- Red (58%)
- Green (88%)
- Blue (91%)



- Red (58%)
- Yellow (74%)
- Blue (91%)



- Cyan (37%)
- Magenta (4%)
- Yellow (0%)
- Black (9%)



- Cyan (42%)
- Magenta (12%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.3963, 65.3975, 86.8995 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 53.3963, 65.3975, 86.8995 by changing the saturation by 10% instead.

■ 53.3963, 65.3975,
86.8995

■ 53.3963, 65.3975,
86.8995

390.0397,
444.2190, 538.2002

■ 38.3480, 47.7835,
64.8529

■ 94.3494, 112.6211,
144.9217

■ 26.4313, 33.6554,
46.8912

■ 120.9848,
142.9996, 181.7343

■ 17.2810, 22.6290,
32.5959

152.2133,
178.4015, 224.3061

■ 10.5316, 14.3198,
21.5485

188.4003,
219.2115, 273.0555

■ 5.8177, 8.3434,
13.3304

229.9111,
265.8138, 328.4010

■ 2.7742, 4.3155,
7.5231

277.1110,

■ 1.0355, 1.8516,

318.5930, 390.7613

3.7079

330.3654,
377.9332, 460.5549

0.0000, 0.5190,
1.4665

0.0000, 0.0000,
0.1928

53.3963, 65.3975,
86.8995

53.3963, 65.3975,
86.8995

48.9838, 62.1586,
86.5080

58.6683, 69.0965,
87.3367

45.3735, 59.3456,
86.1553

64.8409, 73.2723,
87.8174

42.5102, 56.9316,
85.8403

71.9600, 77.9500,
88.3451

40.3295, 54.8831,
85.5598

80.0661, 83.1508,
88.9217

■ 38.7556, 53.1613,
85.3104

■ 85.9993, 87.2454,
89.3993

■ 37.6914, 51.7158,
85.0875

■ 86.7067, 88.6604,
89.6352

■ 37.4163, 51.2995,
85.0217

■ 87.4238, 90.0946,
89.8742

■ 88.1506, 91.5481,
90.1164

■ 88.8871, 93.0210,
90.3619

Harmonies

Analogous

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



52.2068, 65.3975, 70.7191



53.3963, 65.3975, 86.8995



56.8985, 65.3975, 100.3565

Triad

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



53.3963, 65.3975, 86.8995



71.6423, 65.3975, 87.8699



62.3292, 65.3975, 45.0949

Complementary

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



53.3963, 65.3975, 86.8995



50.7604, 43.2082, 33.2702

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.



67.7328, 65.3975, 48.3307



53.3963, 65.3975, 86.8995



73.3004, 65.3975, 71.6967

Square

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



53.3963, 65.3975, 86.8995



67.4202, 65.3975, 100.9722



71.8301, 65.3975, 57.5270



57.1777, 65.3975, 47.9542

Rectangle

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



53.3963, 65.3975, 86.8995



60.1821, 65.3975, 105.1363



71.8301, 65.3975, 57.5270



64.1774, 65.3975, 45.4967

Sweetspot

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



53.3983, 65.4001, 86.9010



84.5437, 93.2045, 108.1421



47.1400, 66.8690, 41.6994



17.8405, 19.7819, 23.1279



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.



53.3983, 65.4001, 86.9010



61.4718, 77.2992, 106.2881



43.3476, 45.2987, 83.5508



15.3752, 16.8369, 19.3617



21.2848, 29.2167, 48.2605



1.7101, 2.3717, 3.8025

Inverse Universe

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



57.4942, 43.5747, 75.9042



67.2495, 47.3318, 90.5921



59.2037, 60.0948, 36.0846



15.6429, 15.2850, 18.6710



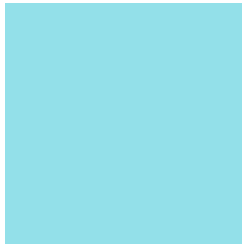
25.5989, 12.4422, 35.2848



2.0297, 0.9848, 2.8737

Previews

White Background



This preview shows how the XYZ color 53.3963, 65.3975, 86.8995 looks on a white background.

Color Contrast Check

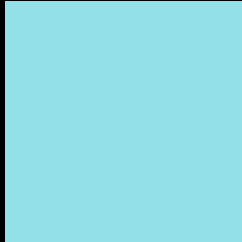
Large Text (above 18pt) WCAG AA × Fail

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 53.3963, 65.3975, 86.8995 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

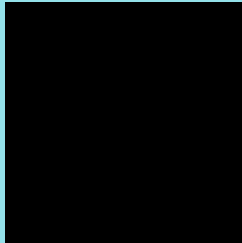
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.3963, 65.3975, 86.8995

Background



This preview shows how black text looks on a background with the XYZ color 53.3963, 65.3975, 86.8995.

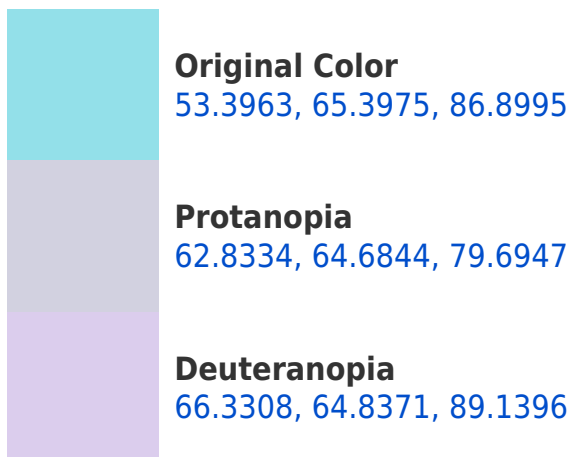


This preview shows how white text looks on a background with the XYZ color 53.3963, 65.3975,

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





Tritanopia

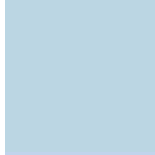
54.6593, 65.5158, 92.9841

Trichromacy



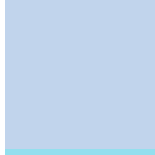
Original Color

53.3963, 65.3975, 86.8995



Protanomaly

58.4052, 64.2040, 81.9874



Deuteranomaly

60.6761, 64.4806, 88.6049



Tritanomaly

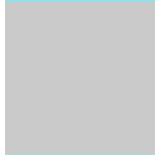
54.0330, 65.2443, 90.6345

Monochromacy



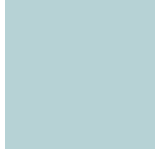
Original Color

53.3963, 65.3975, 86.8995



Achromatopsia

56.1383, 59.0619, 64.3184



Achromatomaly

54.3482, 60.8424, 71.8301

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.3963, 65.3975, 86.8995 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(147, 224, 233)` looks like.

```
.text, #text, p{  
    color:rgb(147, 224, 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(147, 224, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 224, 233) }
```

Border

The CSS property to change the border of an element to XYZ 53.3963, 65.3975, 86.8995 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(147, 224, 233) }
```


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

```
.border{ border-color:rgb(147, 224, 233) }
```

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

Here you see how a box with a 4 pixel rgb(147, 224, 233) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 224, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 224, 233);  
box-shadow:4px 4px 4px 4px rgb(147, 224,  
233) }
```

Background

The CSS property to change the background color of an element to XYZ 53.3963, 65.3975, 86.8995 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 224, 233) }
```

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

```
.background{ background-color: rgb(147,  
224, 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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