

Converting Colors

XYZ(53.7542, 63.4714, 85.8909)

Have a look what the booklet for
XYZ(53.7542, 63.4714, 85.8909)
contains.

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Color

**XYZ(53.8016, 63.6573,
85.7954)**

Conversions

Conversions Part 1

Format	Color
Hex	9DDBE8
RGB	157, 219, 232
RGB Percent	62%, 86%, 91%
CMY	0.3843, 0.1412, 0.0902
CMYK	0.32, 0.06, 0.00, 0.09
HSL	190°, 62%, 76%
HSV	190°, 32%, 91%
XYZ	53.8016, 63.6573, 85.7954
YIQ	201.9440, -41.1250, -9.1010

Conversions

Conversions Part 2

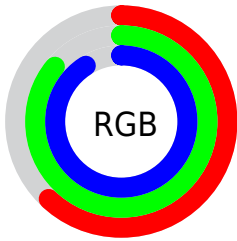
Format	Color
RYB	157, 191, 232
Decimal	10345448
CIELab	83.79, -16.51, -12.68
CIElCh	84, 20.817, 217.529
Yxy	63.6573, 0.2647, 0.3132
Android (android.graphics.Color)	4288535528 (0xFF9DDBE8)
YUV	201.9440, 14.8176, -39.4159
Hunter-Lab	79.7855, -19.2572, -7.9062

Details

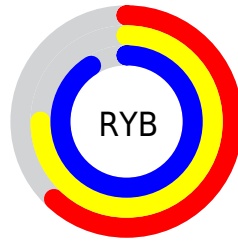
The XYZ color **53.8016, 63.6573, 85.7954** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **53.7401, 48.3402, 38.3979**, and the grayscale version is **56.0345, 58.9527, 64.1995**.

A 20% lighter version of the original color is **81.5416, 93.0361, 108.2678**, and **26.7055, 32.5691, 45.9532** is the 20% darker color. If you saturate the color by 10%, you get **48.6620, 59.4708, 85.2593**, and if you desaturate by 10%, it is **59.8297, 68.3425, 86.3831**.

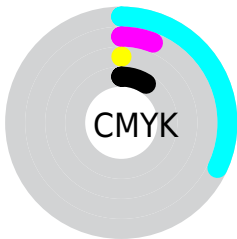
Distribution



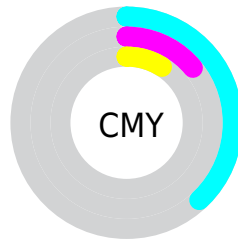
- Red (62%)
- Green (86%)
- Blue (91%)



- Red (62%)
- Yellow (75%)
- Blue (91%)



- Cyan (32%)
- Magenta (6%)
- Yellow (0%)
- Black (9%)





- Cyan (38%)
- Magenta (14%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.8016, 63.6573, 85.7954 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 53.8016, 63.6573, 85.7954 by changing the saturation by 10% instead.


 53.8016, 63.6573,
85.7954


 53.8016, 63.6573,
85.7954


391.5637,
437.9510, 534.4694

 38.6731, 46.3732,
63.9449


 94.9415, 110.1172,
143.3680

 26.6851, 32.5404,
46.1601


 121.6836,
140.0618, 179.9271

 17.4722, 21.7746,
32.0226


153.0276,
174.9954, 222.2261

 10.6691, 13.6914,
21.1138

189.3388,
215.3023, 270.6836

 5.9105, 7.9063,
13.0152

230.9827,
261.3669, 325.7182

 2.8308, 4.0351,
7.3081

278.3246,

 1.0650, 1.6932,

313.5736, 387.7483

3.5742

331.7298,
372.3069, 457.1925

■ 0.0000, 0.4192,
1.3948

■ 0.0000, 0.0000,
0.1376

■ 53.8016, 63.6573,
85.7954

■ 53.8016, 63.6573,
85.7954

■ 48.6620, 59.4708,
85.2593

■ 59.8297, 68.3425,
86.3831

■ 44.3564, 55.7501,
84.7681

■ 66.7858, 73.5425,
87.0202

■ 40.8327, 52.4695,
84.3206

■ 74.7138, 79.2816,
87.7101

■ 38.0306, 49.5978,
83.9139

■ 83.6529, 85.5804,
88.4547

■ 35.8808, 47.0989,
83.5449

■ 86.7036, 88.8822,
88.9312

■ 34.2997, 44.9294,
83.2095

■ 87.8946, 91.2641,
89.3282

■ 33.3703, 43.4355,
82.9701

■ 89.1120, 93.6988,
89.7340

■ 90.3558, 96.1865,
90.1486

■ 91.5657, 98.6063,
90.5519

Harmonies

Analogous

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



52.2065, 63.6573, 72.6612



53.8016, 63.6573, 85.7954



57.2084, 63.6573, 95.2571

Triad

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



53.8016, 63.6573, 85.7954



68.9906, 63.6573, 79.3796



59.3605, 63.6573, 47.2421

Complementary

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



53.8016, 63.6573, 85.7954



53.7401, 48.3402, 38.3979

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.



63.9245, 63.6573, 48.5657



53.8016, 63.6573, 85.7954



69.6380, 63.6573, 66.0673

Square

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



53.8016, 63.6573, 85.7954



66.0151, 63.6573, 91.2399



67.7419, 63.6573, 55.0878



55.3092, 63.6573, 51.2130

Rectangle

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



53.8016, 63.6573, 85.7954



60.1264, 63.6573, 97.6085



67.7419, 63.6573, 55.0878



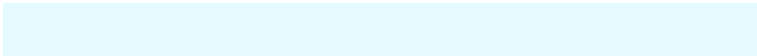
60.8838, 63.6573, 47.0923

Sweetspot

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



53.8035, 63.6598, 85.7969



84.8892, 92.6931, 108.0252



49.9710, 67.7660, 48.2305



17.8855, 19.6321, 23.0967



0.0000, 0.0000, 0.0000



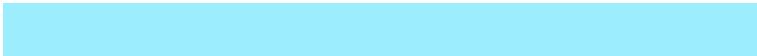
20.3446, 21.4041, 23.3091

Same Dimension

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



53.8035, 63.6598, 85.7969



62.1795, 75.2554, 105.8563



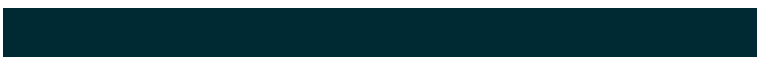
45.1994, 46.4517, 82.9288



14.5838, 15.8890, 18.4426



18.6080, 24.2782, 46.0886



1.4312, 1.9064, 3.4245

Inverse Universe

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



58.1234, 46.3858, 72.9105



68.4512, 51.0454, 86.9530



61.6786, 64.2171, 41.0441



14.8823, 14.5701, 17.5804



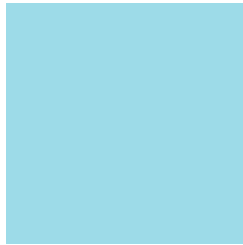
23.7860, 11.6486, 28.8317



1.7861, 0.8721, 2.2799

Previews

White Background



This preview shows how the XYZ color 53.8016, 63.6573, 85.7954 looks on a white background.

Color Contrast Check

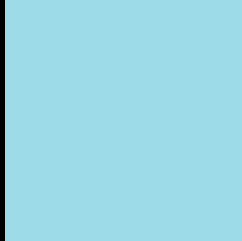
Large Text (above 18pt) WCAG AA × Fail

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 53.8016, 63.6573, 85.7954 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

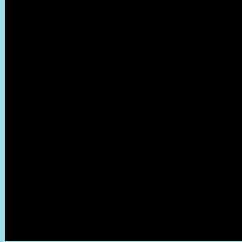
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.8016, 63.6573, 85.7954

Background



This preview shows how black text looks on a background with the XYZ color 53.8016, 63.6573, 85.7954.



This preview shows how white text looks on a background with the XYZ color 53.8016, 63.6573,

85.7954.

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

53.8016, 63.6573, 85.7954

Protanopia

61.4995, 63.2729, 79.4925

Deuteranopia

64.6702, 63.3090, 87.4086



Tritanopia

54.3123, 63.4680, 88.7449

Trichromacy



Original Color

53.8016, 63.6573, 85.7954

Protanomaly

58.1457, 62.9534, 81.7597

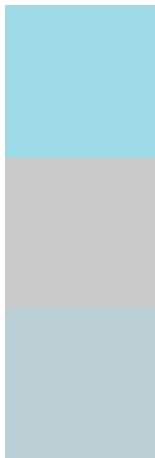
Deuteranomaly

60.1574, 63.1435, 86.8592

Tritanomaly

54.1674, 63.4101, 87.9817

Monochromacy



Original Color

53.8016, 63.6573, 85.7954

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

54.8158, 60.3549, 71.7114

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.8016, 63.6573, 85.7954 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(157, 219, 232)` looks like.

```
.text, #text, p{  
    color:rgb(157, 219, 232)  
}
```

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(157, 219, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 219, 232) }
```

Border

The CSS property to change the border of an element to XYZ 53.8016, 63.6573, 85.7954 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(157, 219, 232) }
```


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

```
.border{ border-color:rgb(157, 219, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 219, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 219, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 219, 232);  
box-shadow:4px 4px 4px 4px rgb(157, 219,  
232) }
```

Background

The CSS property to change the background color of an element to XYZ 53.8016, 63.6573, 85.7954 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 219, 232) }
```

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

```
.background{ background-color: rgb(157,  
219, 232) }
```

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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