

Converting Colors

XYZ(54.2649, 63.9632, 87.6497)

Have a look what the booklet for
XYZ(54.2649, 63.9632, 87.6497)
contains.

XYZ(54.0874, 63.7716, 87.3004)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(54.0874, 63.7716,
87.3004)**

Conversions

Conversions Part 1

Format	Color
Hex	9DDBEA
RGB	157, 219, 234
RGB Percent	62%, 86%, 92%
CMY	0.3843, 0.1412, 0.0823
CMYK	0.33, 0.06, 0.00, 0.08
HSL	192°, 65%, 77%
HSV	192°, 33%, 92%
XYZ	54.0874, 63.7716, 87.3004
YIQ	202.1720, -41.7670, -8.4790

Conversions

Conversions Part 2

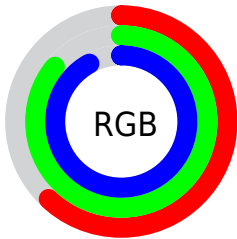
Format	Color
RYB	157, 191, 234
Decimal	10345450
CIELab	83.85, -16.03, -13.65
CIELCh	84, 21.059, 220.411
Yxy	63.7716, 0.2636, 0.3108
Android (android.graphics.Color)	4288535530 (0xFF9DDBEA)
YUV	202.1720, 15.6912, -39.6158
Hunter-Lab	79.8571, -18.8515, -8.9163

Details

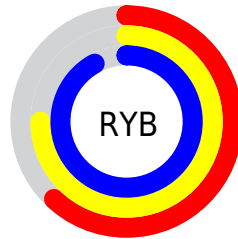
The XYZ color **54.0874, 63.7716, 87.3004** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **54.7710, 49.4325, 38.5545**, and the grayscale version is **56.1717, 59.0970, 64.3566**.

A 20% lighter version of the original color is **81.5416, 93.0361, 108.2678**, and **26.7908, 32.5901, 46.9980** is the 20% darker color. If you saturate the color by 10%, you get **48.7795, 59.2956, 86.7173**, and if you desaturate by 10%, it is **60.3060, 68.7685, 87.9382**.

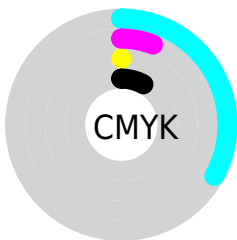
Distribution



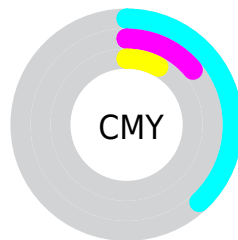
- Red (62%)
- Green (86%)
- Blue (92%)



- Red (62%)
- Yellow (75%)
- Blue (92%)



- Cyan (33%)
- Magenta (6%)
- Yellow (0%)
- Black (8%)



- Cyan (38%)
- Magenta (14%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.0874, 63.7716, 87.3004 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 54.0874, 63.7716, 87.3004 by changing the saturation by 10% instead.

■ 54.0874, 63.7716,
87.3004

■ 54.0874, 63.7716,
87.3004

■ 392.6361,
438.3644, 539.5513

■ 38.9025, 46.4657,
65.1828

■ 95.3587, 110.2819,
145.4853

■ 26.8643, 32.6135,
47.1570

■ 122.1758,
140.2552, 182.3897

■ 17.6074, 21.8305,
32.8046

■ 153.6010,
175.2196, 225.0601

■ 10.7664, 13.7324,
21.7069

■ 189.9997,
215.5597, 273.9151

■ 5.9761, 7.9348,
13.4454

■ 231.7372,
261.6599, 329.3732

■ 2.8711, 4.0533,
7.6017

■ 279.1788,

■ 1.0860, 1.7034,

313.9044, 391.8529

3.7570

332.6900,
372.6778, 461.7727

■ 0.0133, 0.4259,
1.4930

■ 0.0000, 0.0000,
0.2127

■ 54.0874, 63.7716,
87.3004

■ 54.0874, 63.7716,
87.3004

■ 48.7795, 59.2956,
86.7173

■ 60.3060, 68.7685,
87.9382

■ 44.3262, 55.3067,
86.1821

■ 67.4759, 74.3029,
88.6286

■ 40.6740, 51.7783,
85.6935

■ 75.6421, 80.4000,
89.3750

■ 37.7609, 48.6780,
85.2486

■ 84.8450, 87.0811,
90.1796

■ 35.5151, 45.9686,
84.8440

■ 87.7821, 90.5818,
90.7005

■ 33.8500, 43.6049,
84.4756

■ 89.1541, 93.3259,
91.1578

■ 32.9252, 42.0881,
84.2315

■ 90.5602, 96.1380,
91.6265

■ 91.8515, 98.7206,
92.0569

Harmonies

Analogous

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



52.2762, 63.7716, 74.1438



54.0874, 63.7716, 87.3004



57.6785, 63.7716, 96.3171

Triad

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



54.0874, 63.7716, 87.3004



69.3881, 63.7716, 78.3352



59.0193, 63.7716, 47.2680

Complementary

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



54.0874, 63.7716, 87.3004



54.7710, 49.4325, 38.5545

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.



63.6454, 63.7716, 48.0895



54.0874, 63.7716, 87.3004



69.7922, 63.7716, 64.9327

Square

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



54.0874, 63.7716, 87.3004



66.5660, 63.7716, 90.7025



67.6434, 63.7716, 54.1925



55.0260, 63.7716, 51.7848

Rectangle

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



54.0874, 63.7716, 87.3004



60.6768, 63.7716, 98.1624



67.6434, 63.7716, 54.1925



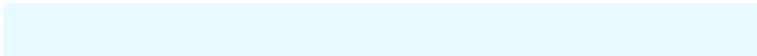
60.5492, 63.7716, 46.9447

Sweetspot

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



54.0893, 63.7741, 87.3019



84.7188, 92.3522, 107.9683



50.6906, 68.9598, 49.2268



17.8440, 19.5492, 23.0828



0.0000, 0.0000, 0.0000



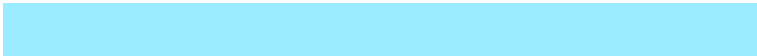
20.3446, 21.4041, 23.3091

Same Dimension

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



54.0893, 63.7741, 87.3019



61.5622, 74.0208, 105.6505



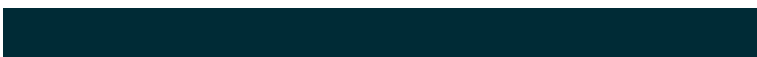
45.3593, 46.3140, 84.3919



15.2539, 16.5943, 19.3213



18.5915, 23.8299, 47.3627



1.5236, 1.9986, 3.7403

Inverse Universe

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



58.7764, 46.7224, 72.9410



68.1396, 50.9208, 85.3121



62.9709, 65.8323, 41.2878



15.5817, 15.2605, 18.3486



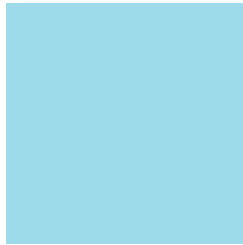
24.2394, 11.8985, 28.1257



1.9355, 0.9472, 2.3778

Previews

White Background



This preview shows how the XYZ color 54.0874, 63.7716, 87.3004 looks on a white background.

Color Contrast Check

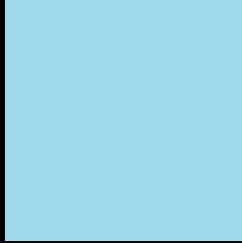
Large Text (above 18pt) WCAG AA × Fail

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 54.0874, 63.7716, 87.3004 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

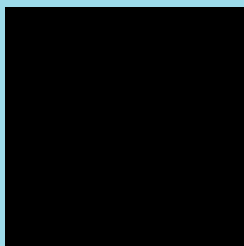
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

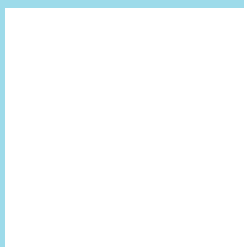
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 54.0874, 63.7716, 87.3004

Background



This preview shows how black text looks on a background with the XYZ color 54.0874, 63.7716, 87.3004.

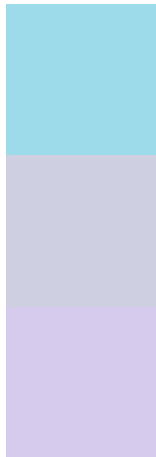


This preview shows how white text looks on a background with the XYZ color 54.0874, 63.7716,

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

54.0874, 63.7716, 87.3004

Protanopia

61.7724, 63.3820, 80.9297

Deuteranopia

64.6663, 63.2734, 88.9255



Tritanopia

54.5724, 63.9883, 88.8316

Trichromacy



Original Color

54.0874, 63.7716, 87.3004

Protanomaly

58.4234, 63.0645, 83.2222

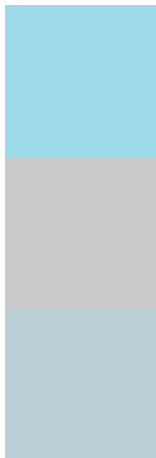
Deuteranomaly

60.1889, 63.1264, 88.3692

Tritanomaly

54.4275, 63.9303, 88.0684

Monochromacy



Original Color

54.0874, 63.7716, 87.3004

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

54.9432, 60.4059, 72.3820

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.0874, 63.7716, 87.3004 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, 234)` looks like.

```
.text, #text, p{  
    color:rgb(157, 219, 234)  
}
```

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, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 219, 234) }
```

Border

The CSS property to change the border of an element to XYZ 54.0874, 63.7716, 87.3004 is called "border". The border property can be set on classes, ids or directly on the HTML element.

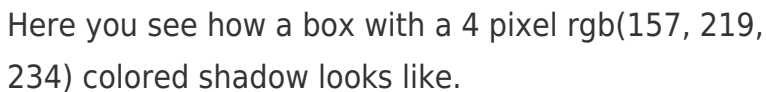
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(157, 219, 234) }
```


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

```
.border{ border-color:rgb(157, 219, 234) }
```

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, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 219, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 219, 234);  
box-shadow:4px 4px 4px 4px rgb(157, 219,  
234) }
```

Background

The CSS property to change the background color of an element to XYZ 54.0874, 63.7716, 87.3004 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, 234) }
```

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

```
.background{ background-color: rgb(157,  
219, 234) }
```

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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