

Converting Colors

XYZ(53.2690, 64.5938, 87.3285)

Have a look what the booklet for
XYZ(53.2690, 64.5938, 87.3285)
contains.

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Color

**XYZ(53.1853, 64.4790,
87.4844)**

Conversions

Conversions Part 1

Format	Color
Hex	94DEEA
RGB	148, 222, 234
RGB Percent	58%, 87%, 92%
CMY	0.4196, 0.1294, 0.0823
CMYK	0.37, 0.05, 0.00, 0.08
HSL	188°, 67%, 75%
HSV	188°, 37%, 92%
XYZ	53.1853, 64.4790, 87.4844
YIQ	201.2420, -47.9560, -11.9560

Conversions

Conversions Part 2

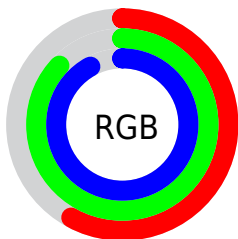
Format	Color
R _Y B	148, 188, 234
Decimal	9756394
CIE Lab	84.21, -19.94, -13.15
CIE LCh	84, 23.882, 213.405
Yxy	64.4790, 0.2593, 0.3143
Android (android.graphics.Color)	4287946474 (0xFF94DEEA)
YUV	201.2420, 16.1497, -46.6932
Hunter-Lab	80.2988, -22.2948, -8.3864

Details

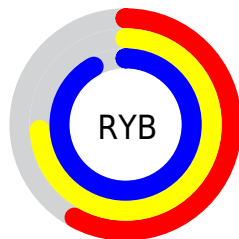
The XYZ color **53.1853, 64.4790, 87.4844** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **51.8487, 44.7729, 33.9278**, and the grayscale version is **55.5933, 58.4885, 63.6940**.

A 20% lighter version of the original color is **78.9868, 91.7191, 108.1483**, and **26.2682, 33.1271, 47.1292** is the 20% darker color. If you saturate the color by 10%, you get **48.5148, 60.7980, 87.0212**, and if you desaturate by 10%, it is **58.7321, 68.6397, 87.9963**.

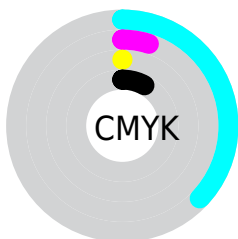
Distribution



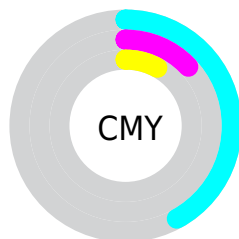
- Red (58%)
- Green (87%)
- Blue (92%)



- Red (58%)
- Yellow (74%)
- Blue (92%)



- Cyan (37%)
- Magenta (5%)
- Yellow (0%)
- Black (8%)



- Cyan (42%)
- Magenta (13%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.1853, 64.4790, 87.4844 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 53.1853, 64.4790, 87.4844 by changing the saturation by 10% instead.

■ 53.1853, 64.4790,
87.4844

■ 53.1853, 64.4790,
87.4844

389.2449,
440.9174, 540.1708

■ 38.1788, 47.0387,
65.3342

■ 94.0409, 111.3005,
145.7439

■ 26.2993, 33.0663,
47.2791

■ 120.6207,
141.4505, 182.6904

■ 17.1816, 22.1772,
32.9004

151.7890,
176.6059, 225.4060

■ 10.4601, 13.9872,
21.7797

187.9111,
217.1511, 274.3094

■ 5.7697, 8.1118,
13.4983

229.3524,
263.4704, 329.8190

■ 2.7449, 4.1665,
7.6378

276.4782,

■ 1.0203, 1.7672,

315.9483, 392.3534

3.7797

329.6539,
374.9692, 462.3311

■ 0.0000, 0.4666,
1.5053

■ 0.0000, 0.0000,
0.2218

■ 53.1853, 64.4790,
87.4844

■ 53.1853, 64.4790,
87.4844

■ 48.5148, 60.7980,
87.0212

■ 58.7321, 68.6397,
87.9963

■ 44.6627, 57.5622,
86.5996

■ 65.1968, 73.2972,
88.5545

■ 41.5734, 54.7443,
86.2185

■ 72.6257, 78.4768,
89.1627

■ 39.1818, 52.3105,
85.8748

■ 81.0599, 84.2001,
89.8229

■ 37.4114, 50.2213,
85.5649

■ 86.7612, 88.5400,
90.3601

■ 36.1652, 48.4267,
85.2842

■ 87.7221, 90.4617,
90.6804

■ 35.8213, 47.8802,
85.1968

■ 88.7002, 92.4181,
91.0065

■ 89.6958, 94.4093,
91.3383

■ 90.7090, 96.4355,
91.6760

Harmonies

Analogous

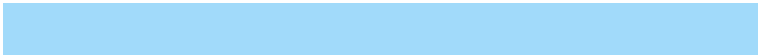
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



51.6881, 64.4790, 71.9497



53.1853, 64.4790, 87.4844



56.8464, 64.4790, 99.5876

Triad

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



53.1853, 64.4790, 87.4844



70.8314, 64.4790, 84.0626



60.6837, 64.4790, 44.9717

Complementary

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



53.1853, 64.4790, 87.4844



51.8487, 44.7729, 33.9278

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.



65.9496, 64.4790, 47.2603



53.1853, 64.4790, 87.4844



72.0026, 64.4790, 68.4920

Square

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



53.1853, 64.4790, 87.4844



67.0537, 64.4790, 97.4210



70.1687, 64.4790, 55.3681



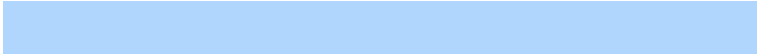
55.8577, 64.4790, 48.6006

Rectangle

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



53.1853, 64.4790, 87.4844



60.1252, 64.4790, 103.2778



70.1687, 64.4790, 55.3681



62.4603, 64.4790, 45.0768

Sweetspot

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



53.1872, 64.4815, 87.4859



84.2371, 92.5914, 108.0399



47.9355, 67.6623, 43.5488



17.7669, 19.6348, 23.1034



0.0000, 0.0000, 0.0000



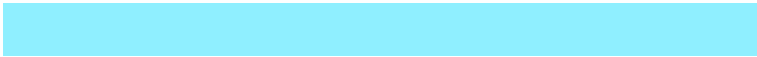
20.3446, 21.4041, 23.3091

Same Dimension

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



53.1872, 64.4815, 87.4859



60.3113, 74.9783, 105.9013



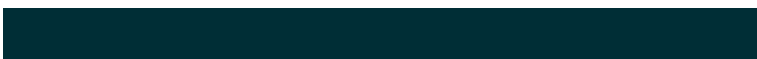
43.2927, 44.6924, 84.1877



15.3281, 16.7427, 19.3460



20.1992, 27.0454, 47.8986



1.6354, 2.2223, 3.7776

Inverse Universe

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



57.7080, 43.9478, 74.5513



66.6638, 47.0975, 87.5077



60.5085, 62.0924, 36.8144



15.6192, 15.2755, 18.5458



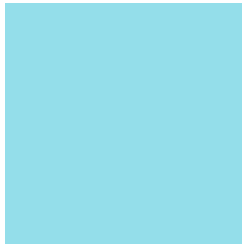
25.0509, 12.2231, 32.3992



1.9920, 0.9698, 2.6752

Previews

White Background



This preview shows how the XYZ color 53.1853, 64.4790, 87.4844 looks on a white background.

Color Contrast Check

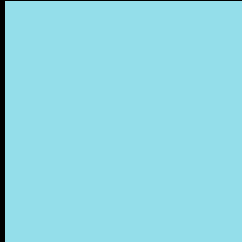
Large Text (above 18pt) WCAG AA × Fail

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 53.1853, 64.4790, 87.4844 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

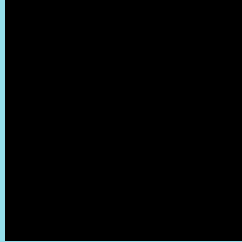
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.1853, 64.4790, 87.4844

Background



This preview shows how black text looks on a background with the XYZ color 53.1853, 64.4790, 87.4844.



This preview shows how white text looks on a background with the XYZ color 53.1853, 64.4790,

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

53.1853, 64.4790, 87.4844

Protanopia

62.1589, 63.9579, 80.3031

Deuteranopia

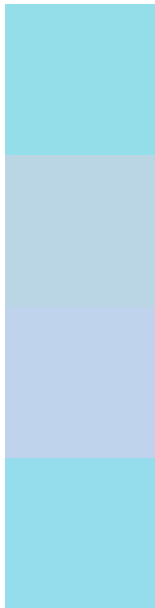
65.3444, 63.9577, 89.7900



Tritanopia

53.8309, 64.3345, 91.2420

Trichromacy



Original Color

53.1853, 64.4790, 87.4844

Protanomaly

58.0475, 63.6290, 82.6210

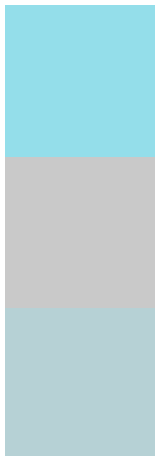
Deuteranomaly

60.0662, 63.7793, 89.2656

Tritanomaly

53.5369, 64.2169, 89.6942

Monochromacy



Original Color

53.1853, 64.4790, 87.4844

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

54.1021, 60.3501, 71.7480

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.1853, 64.4790, 87.4844 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(148, 222, 234)` looks like.

```
.text, #text, p{  
    color:rgb(148, 222, 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(148, 222, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 222, 234) }
```

Border

The CSS property to change the border of an element to XYZ 53.1853, 64.4790, 87.4844 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(148, 222, 234) }
```


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

```
.border{ border-color:rgb(148, 222, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 222, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 222, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 222, 234);  
box-shadow:4px 4px 4px 4px rgb(148, 222,  
234) }
```

Background

The CSS property to change the background color of an element to XYZ 53.1853, 64.4790, 87.4844 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 222, 234) }
```

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

```
.background{ background-color: rgb(148,  
222, 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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