

Converting Colors

XYZ(54.1360, 66.5394, 84.6363)

Have a look what the booklet for
XYZ(54.1360, 66.5394, 84.6363)
contains.

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Color

**XYZ(54.2418, 66.6852,
84.8756)**

Conversions

Conversions Part 1

Format	Color
Hex	97E2E6
RGB	151, 226, 230
RGB Percent	59%, 89%, 90%
CMY	0.4078, 0.1137, 0.0980
CMYK	0.34, 0.02, 0.00, 0.10
HSL	183°, 61%, 75%
HSV	183°, 34%, 90%
XYZ	54.2418, 66.6852, 84.8756
YIQ	204.0310, -45.9840, -14.6560

Conversions

Conversions Part 2

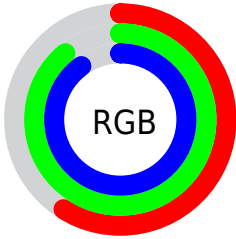
Format	Color
RYB	151, 189, 230
Decimal	9954022
CIELab	85.34, -22.10, -9.33
CIELCh	85, 23.988, 202.896
Yxy	66.6852, 0.2636, 0.3240
Android (android.graphics.Color)	4288144102 (0xFF97E2E6)
YUV	204.0310, 12.8027, -46.5082
Hunter-Lab	81.6610, -24.3415, -4.4613

Details

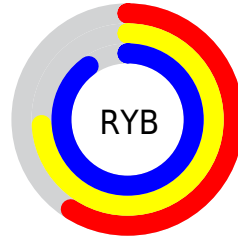
The XYZ color **54.2418, 66.6852, 84.8756** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **49.9414, 42.5008, 34.8510**, and the grayscale version is **57.3582, 60.3453, 65.7160**.

A 20% lighter version of the original color is **79.8224, 92.1499, 108.1874**, and **26.9365, 34.3314, 45.7644** is the 20% darker color. If you saturate the color by 10%, you get **50.0678, 64.0668, 84.5913**, and if you desaturate by 10%, it is **59.2546, 69.7424, 85.2026**.

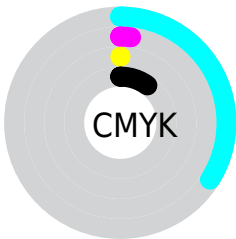
Distribution



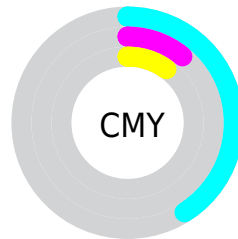
- Red (59%)
- Green (89%)
- Blue (90%)



- Red (59%)
- Yellow (74%)
- Blue (90%)



- Cyan (34%)
- Magenta (2%)
- Yellow (0%)
- Black (10%)



- Cyan (41%)
- Magenta (11%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.2418, 66.6852, 84.8756 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 54.2418, 66.6852, 84.8756 by changing the saturation by 10% instead.

54.2418, 66.6852,
84.8756

54.2418, 66.6852,
84.8756

393.2147,
448.8234, 531.3502

39.0264, 48.8288,
63.1890

95.5840, 114.4692,
142.0720

26.9611, 34.4837,
45.5522

122.4416,
145.1657, 178.4189

17.6805, 23.2655,
31.5465

153.9106,
180.9109, 220.4896

10.8191, 14.7896,
20.7534

190.3564,
222.0894, 268.7028

6.0117, 8.6719,
12.7544

232.1443,
269.0855, 323.4769

2.8929, 4.5278,
7.1309

279.6398,

1.0974, 1.9730,

322.2836, 385.2304

3.4644

333.2082,
382.0681, 454.3820

■ 0.0229, 0.5917,
1.3364

■ 0.0000, 0.0000,
0.0913

■ 54.2418, 66.6852,
84.8756

■ 54.2418, 66.6852,
84.8756

■ 50.0678, 64.0668,
84.5913

■ 59.2546, 69.7424,
85.2026

■ 46.6780, 61.8542,
84.3429

■ 65.1449, 73.2536,
85.5699

■ 44.0207, 60.0225,
84.1294

■ 71.9562, 77.2428,
85.9809

■ 42.0356, 58.5404,
83.9480

■ 79.7275, 81.7301,
86.4374

■ 40.6525, 57.3718,
83.7953

■ 84.3301, 84.5871,
86.7463

■ 39.7861, 56.4728,
83.6674

■ 84.6584, 85.2438,
86.8558

■ 39.4488, 56.0445,
83.6026

■ 84.9890, 85.9050,
86.9660

■ 85.3217, 86.5704,
87.0769

■ 85.6566, 87.2402,
87.1885

Harmonies

Analogous

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



53.5753, 66.6852, 68.9730



54.2418, 66.6852, 84.8756



57.2896, 66.6852, 99.1648

Triad

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



54.2418, 66.6852, 84.8756



72.0799, 66.6852, 92.1840



64.6824, 66.6852, 46.7936

Complementary

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



54.2418, 66.6852, 84.8756



49.9414, 42.5008, 34.8510

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.



69.8923, 66.6852, 51.2753



54.2418, 66.6852, 84.8756



74.3185, 66.6852, 76.3702

Square

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



54.2418, 66.6852, 84.8756



67.5320, 66.6852, 103.7873



73.4959, 66.6852, 61.5849



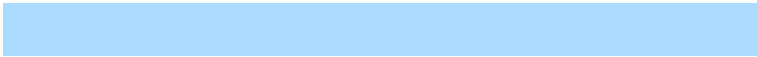
59.4061, 66.6852, 48.3981

Rectangle

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



54.2418, 66.6852, 84.8756



60.3607, 66.6852, 105.1042



73.4959, 66.6852, 61.5849



66.5031, 66.6852, 47.6138

Sweetspot

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



54.2438, 66.6878, 84.8771



85.8726, 94.6599, 108.3530



46.9729, 65.5391, 41.1645



18.1250, 20.1113, 23.1765



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.



54.2438, 66.6878, 84.8771



64.8061, 81.9376, 107.0076



44.7219, 47.6441, 81.7032



14.7417, 16.2048, 18.4952



22.3613, 31.7847, 47.3397



1.6717, 2.3874, 3.5047

Inverse Universe

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



57.4288, 44.4488, 77.5071



69.4281, 50.1005, 96.2150



57.6125, 57.8430, 37.4080



14.9620, 14.6020, 18.0001



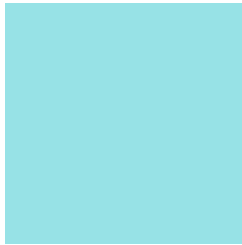
25.6805, 12.4064, 38.8078



1.9074, 0.9207, 2.9191

Previews

White Background



This preview shows how the XYZ color 54.2418, 66.6852, 84.8756 looks on a white background.

Color Contrast Check

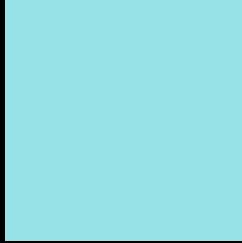
Large Text (above 18pt) WCAG AA × Fail

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 54.2418, 66.6852, 84.8756 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

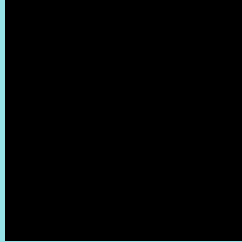
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.2418, 66.6852, 84.8756

Background



This preview shows how black text looks on a background with the XYZ color 54.2418, 66.6852, 84.8756.

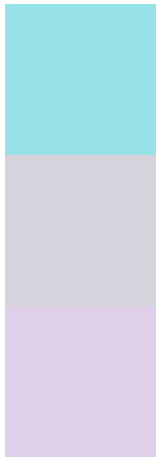


This preview shows how white text looks on a background with the XYZ color 54.2418, 66.6852,

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

54.2418, 66.6852, 84.8756

Protanopia

64.0770, 66.1051, 77.7890

Deuteranopia

67.5955, 66.2541, 87.0676



Tritanopia

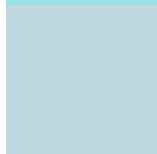
56.0091, 66.5921, 93.9060

Trichromacy



Original Color

54.2418, 66.6852, 84.8756



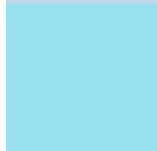
Protanomaly

59.4963, 65.5699, 80.0415



Deuteranomaly

61.7805, 65.8466, 86.5443



Tritanomaly

55.4947, 66.7958, 90.8569

Monochromacy



Original Color

54.2418, 66.6852, 84.8756



Achromatopsia

57.3938, 60.3827, 65.7568



Achromatomaly

55.5613, 62.2054, 72.0292

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.2418, 66.6852, 84.8756 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(151, 226, 230)` looks like.

```
.text, #text, p{  
    color:rgb(151, 226, 230)  
}
```

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(151, 226, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 226, 230) }
```

Border

The CSS property to change the border of an element to XYZ 54.2418, 66.6852, 84.8756 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(151, 226, 230) }
```


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

```
.border{ border-color:rgb(151, 226, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 226, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 226, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 226, 230);  
box-shadow:4px 4px 4px 4px rgb(151, 226,  
230) }
```

Background

The CSS property to change the background color of an element to XYZ 54.2418, 66.6852, 84.8756 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 226, 230) }
```

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

```
.background{ background-color: rgb(151,  
226, 230) }
```

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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