

Converting Colors

XYZ(51.8708, 62.5956, 84.0471)

Have a look what the booklet for
XYZ(51.8708, 62.5956, 84.0471)
contains.

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Color

**XYZ(52.0089, 62.7658,
84.2368)**

Conversions

Conversions Part 1

Format	Color
Hex	95DBE6
RGB	149, 219, 230
RGB Percent	58%, 86%, 90%
CMY	0.4157, 0.1412, 0.0980
CMYK	0.35, 0.05, 0.00, 0.10
HSL	188°, 62%, 74%
HSV	188°, 35%, 90%
XYZ	52.0089, 62.7658, 84.2368
YIQ	199.3240, -45.2510, -11.4190

Conversions

Conversions Part 2

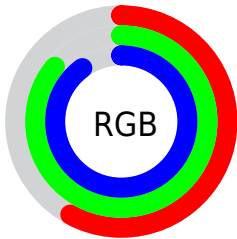
Format	Color
RYB	149, 187, 230
Decimal	9821158
CIELab	83.32, -19.14, -12.36
CIELCh	83, 22.783, 212.862
Yxy	62.7658, 0.2613, 0.3154
Android (android.graphics.Color)	4288011238 (0xFF95DBE6)
YUV	199.3240, 15.1233, -44.1341
Hunter-Lab	79.2249, -21.4633, -7.5834

Details

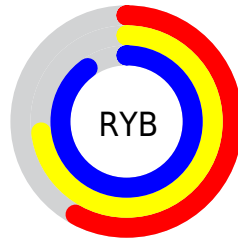
The XYZ color **52.0089, 62.7658, 84.2368** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **50.6297, 44.1353, 34.2858**, and the grayscale version is **54.4162, 57.2500, 62.3453**.

A 20% lighter version of the original color is **79.2636, 91.8618, 108.1612**, and **25.6294, 32.0257, 45.3882** is the 20% darker color. If you saturate the color by 10%, you get **47.4133, 59.2000, 83.7918**, and if you desaturate by 10%, it is **57.4522, 66.7943, 84.7286**.

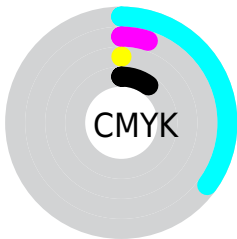
Distribution



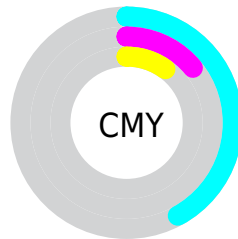
- Red (58%)
- Green (86%)
- Blue (90%)



- Red (58%)
- Yellow (73%)
- Blue (90%)



- Cyan (35%)
- Magenta (5%)
- Yellow (0%)
- Black (10%)





- Cyan (42%)
- Magenta (14%)
- Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.0089, 62.7658, 84.2368 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 52.0089, 62.7658, 84.2368 by changing the saturation by 10% instead.


 52.0089, 62.7658,
84.2368


 52.0089, 62.7658,
84.2368


384.7944,
434.7190, 529.1778

 37.2365, 45.6518,
62.6644


 92.3185, 108.8316,
141.1711

 25.5651, 31.9711,
45.1305


 118.5864,
138.5521, 177.3700

 16.6296, 21.3394,
31.2166


149.4168,
173.2436, 219.2816

 10.0644, 13.3723,
20.5040

185.1751,
213.2904, 267.3244

 5.5043, 7.6854,
12.5742

226.2267,
259.0769, 321.9168

 2.5838, 3.8943,
7.0087

272.9368,

 0.9377, 1.6146,

310.9876, 383.4776

3.3890

325.6709,
369.4069, 452.4250

■ 0.0000, 0.3674,
1.2965

■ 0.0000, 0.0000,
0.0590

■ 52.0089, 62.7658,
84.2368

■ 52.0089, 62.7658,
84.2368

■ 47.4133, 59.2000,
83.7918

■ 57.4522, 66.7943,
84.7286

■ 43.6105, 56.0640,
83.3869

■ 63.7826, 71.3014,
85.2649

■ 40.5484, 53.3322,
83.0211

■ 71.0438, 76.3113,
85.8492

■ 38.1656, 50.9730,
82.6913

■ 79.2750, 81.8443,
86.4833

■ 36.3910, 48.9496,
82.3942

■ 85.1223, 86.1716,
87.0104

■ 35.1373, 47.2167,
82.1258

■ 86.0224, 87.9717,
87.3104

■ 34.6544, 46.4557,
82.0044

■ 86.9382, 89.8033,
87.6157

■ 87.8699, 91.6667,
87.9262

■ 88.8175, 93.5619,
88.2421

Harmonies

Analogous

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



50.6410, 62.7658, 69.7123



52.0089, 62.7658, 84.2368



55.4171, 62.7658, 95.6034

Triad

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



52.0089, 62.7658, 84.2368



68.5407, 62.7658, 81.5539



59.1827, 62.7658, 44.5575

Complementary

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



52.0089, 62.7658, 84.2368



50.6297, 44.1353, 34.2858

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.



64.1078, 62.7658, 46.8274



52.0089, 62.7658, 84.2368



69.6842, 62.7658, 66.9883

Square

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



52.0089, 62.7658, 84.2368



64.9759, 62.7658, 93.9099



68.0204, 62.7658, 54.5829



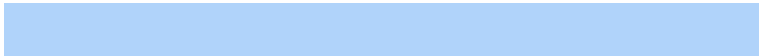
54.6366, 62.7658, 47.8939

Rectangle

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



52.0089, 62.7658, 84.2368



58.4813, 62.7658, 99.1378



68.0204, 62.7658, 54.5829



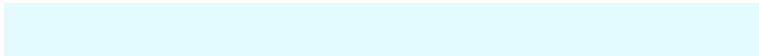
60.8484, 62.7658, 44.6910

Sweetspot

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



52.0108, 62.7683, 84.2383



84.2698, 92.6568, 108.0508



47.0203, 65.5156, 43.3351



17.7748, 19.6505, 23.1060



0.0000, 0.0000, 0.0000



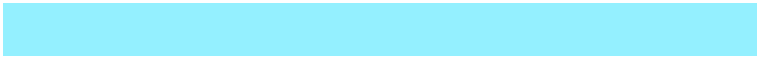
20.3446, 21.4041, 23.3091

Same Dimension

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



52.0108, 62.7683, 84.2383



61.5399, 76.0970, 106.0524



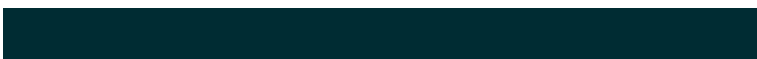
42.7388, 44.2244, 81.1476



14.6318, 15.9850, 18.4586



19.6854, 26.4330, 46.4477



1.5010, 2.0460, 3.4478

Inverse Universe

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



56.1683, 43.4340, 72.4438



67.6106, 48.7270, 88.6374



58.7831, 60.4420, 37.0036



14.9065, 14.5798, 17.7080



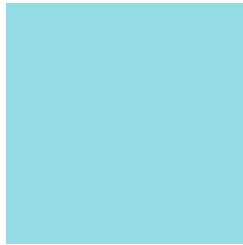
24.3298, 11.8661, 31.6954



1.8213, 0.8862, 2.4654

Previews

White Background



This preview shows how the XYZ color 52.0089, 62.7658, 84.2368 looks on a white background.

Color Contrast Check

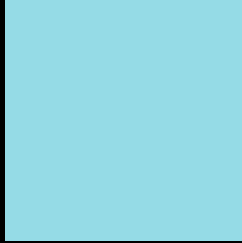
Large Text (above 18pt) WCAG AA × Fail

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 52.0089, 62.7658, 84.2368 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

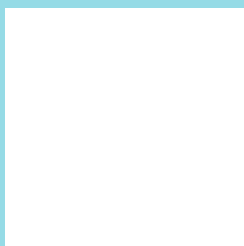
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 52.0089, 62.7658, 84.2368

Background



This preview shows how black text looks on a background with the XYZ color 52.0089, 62.7658, 84.2368.

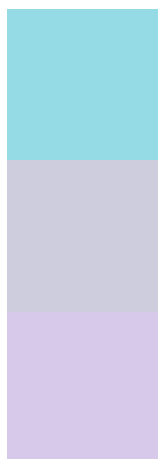


This preview shows how white text looks on a background with the XYZ color 52.0089, 62.7658,

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

52.0089, 62.7658, 84.2368

Protanopia

60.4697, 62.0584, 77.8986

Deuteranopia

63.4695, 62.0099, 86.4658



Tritanopia

52.7894, 62.6830, 88.6736

Trichromacy



Original Color

52.0089, 62.7658, 84.2368

Protanomaly

56.6448, 61.8437, 80.1857

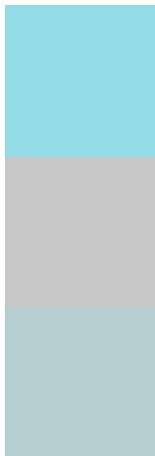
Deuteranomaly

58.4991, 61.9421, 85.9636

Tritanomaly

52.5004, 62.5674, 87.1515

Monochromacy



Original Color

52.0089, 62.7658, 84.2368

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

52.7602, 58.6195, 69.5067

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.0089, 62.7658, 84.2368 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(149, 219, 230)` looks like.

```
.text, #text, p{  
    color:rgb(149, 219, 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(149, 219, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 219, 230) }
```

Border

The CSS property to change the border of an element to XYZ 52.0089, 62.7658, 84.2368 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(149, 219, 230) }
```


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

```
.border{ border-color:rgb(149, 219, 230) }
```

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

Here you see how a box with a 4 pixel rgb(149, 219, 230) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 219, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 219, 230);  
box-shadow:4px 4px 4px 4px rgb(149, 219,  
230) }
```

Background

The CSS property to change the background color of an element to XYZ 52.0089, 62.7658, 84.2368 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 219, 230) }
```

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

```
.background{ background-color: rgb(149,  
219, 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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