

Converting Colors

XYZ(52.4200, 65.6599, 86.2931)

Have a look what the booklet for
XYZ(52.4200, 65.6599, 86.2931)
contains.

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Color

**XYZ(52.4093, 65.7079,
86.2646)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 8BE2E8 |
| RGB | 139, 226, 232 |
| RGB Percent | 55%, 89%, 91% |
| CMY | 0.4549, 0.1137, 0.0902 |
| CMYK | 0.40, 0.03, 0.00, 0.09 |
| HSL | 184°, 67%, 73% |
| HSV | 184°, 40%, 91% |
| XYZ | 52.4093, 65.7079, 86.2646 |
| YIQ | 200.6710, -53.7780, -16.5780 |

Conversions

Conversions Part 2

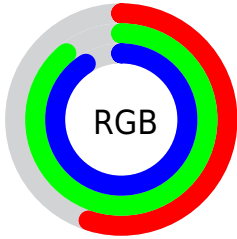
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 139, 184, 232 |
| Decimal | 9167592 |
| CIELab | 84.85, -24.68, -11.19 |
| CIELCh | 85, 27.095, 204.390 |
| Yxy | 65.7079, 0.2564, 0.3215 |
| Android (android.graphics.Color) | 4287357672 (0xFF8BE2E8) |
| YUV | 200.6710, 15.4452, -54.0855 |
| Hunter-Lab | 81.0604, -26.4472, -6.3542 |

Details

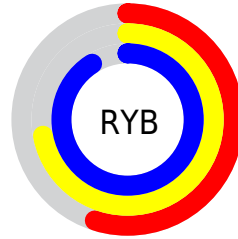
The XYZ color **52.4093, 65.7079, 86.2646** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **48.0653, 39.2715, 29.4744**, and the grayscale version is **55.2467, 58.1238, 63.2968**.

A 20% lighter version of the original color is **76.5750, 90.4758, 108.0354**, and **25.6909, 33.6779, 46.2207** is the 20% darker color. If you saturate the color by 10%, you get **48.5344, 63.1105, 85.9686**, and if you desaturate by 10%, it is **57.1136, 68.7413, 86.6033**.

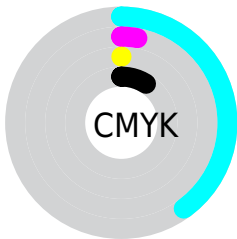
Distribution



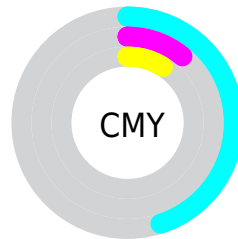
- Red (55%)
- Green (89%)
- Blue (91%)



- Red (55%)
- Yellow (72%)
- Blue (91%)



- Cyan (40%)
- Magenta (3%)
- Yellow (0%)
- Black (9%)



- Cyan (45%)
- Magenta (11%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.4093, 65.7079, 86.2646 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 52.4093, 65.7079, 86.2646 by changing the saturation by 10% instead.

52.4093, 65.7079,
86.2646

52.4093, 65.7079,
86.2646

386.3128,
445.3315, 536.0566

37.5570, 48.0353,
64.3306

92.9052, 113.0670,
144.0285

25.8147, 33.8549,
46.4706

119.2796,
143.5223, 180.6955

16.8170, 22.7821,
32.2660

150.2254,
179.0073, 223.1106

10.1986, 14.4327,
21.2983

186.1079,
219.9064, 271.6924

5.5941, 8.4222,
13.1488

227.2926,
266.6039, 326.8593

2.6382, 4.3663,
7.3992

274.1447,

0.9655, 1.8805,

319.4844, 389.0300

3.6308

327.0296,
378.9321, 458.6229

■ 0.0000, 0.5366,
1.4251

■ 0.0000, 0.0000,
0.1611

■ 52.4093, 65.7079,
86.2646

■ 52.4093, 65.7079,
86.2646

■ 48.5344, 63.1105,
85.9686

■ 57.1136, 68.7413,
86.6033

■ 45.4307, 60.9143,
85.7083

■ 62.6893, 72.2276,
86.9823


■ 43.0414, 59.0918,
85.4824


■ 69.1825, 76.1922,
87.4054


■ 41.2998, 57.6083,
85.2879


■ 76.6345, 80.6564,
87.8743


 40.1264, 56.4229,
85.1209


 85.0821, 85.6391,
88.3908

 39.3887, 55.4723,
84.9763

 85.5087, 86.4922,
88.5330

 85.9388, 87.3525,
88.6764

 86.3726, 88.2201,
88.8210

 86.8100, 89.0948,
88.9668

Harmonies

Analogous

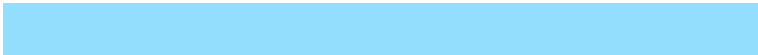
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



51.5366, 65.7079, 68.3247



52.4093, 65.7079, 86.2646



55.8971, 65.7079, 102.3279

Triad

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



52.4093, 65.7079, 86.2646



72.4376, 65.7079, 92.8402



63.6020, 65.7079, 43.1533

Complementary

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



52.4093, 65.7079, 86.2646



48.0653, 39.2715, 29.4744

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.



69.5033, 65.7079, 47.6518



52.4093, 65.7079, 86.2646



74.8122, 65.7079, 74.8643

Square

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



52.4093, 65.7079, 86.2646



67.4013, 65.7079, 106.5348



73.7052, 65.7079, 58.6025



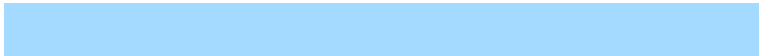
57.7537, 65.7079, 45.2014

Rectangle

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



52.4093, 65.7079, 86.2646



59.3632, 65.7079, 108.8349



73.7052, 65.7079, 58.6025



65.6490, 65.7079, 43.9241

Sweetspot

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



52.4113, 65.7105, 86.2661



84.0483, 93.3986, 108.2057



44.5128, 65.2065, 36.4871



17.7559, 19.8490, 23.1454



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.



52.4113, 65.7105, 86.2661



60.9531, 78.7606, 106.5975



41.7078, 44.3035, 82.6983



14.7237, 16.1688, 18.4892



21.9027, 30.8676, 47.1868



1.6427, 2.3294, 3.4950

Inverse Universe

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



56.2404, 41.1136, 76.9259



66.3778, 44.6477, 93.2010



56.3862, 55.9133, 32.2481



14.9529, 14.5983, 17.9522



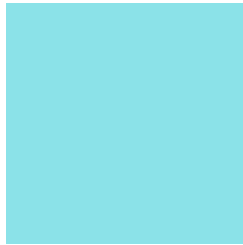
25.4490, 12.3138, 37.5890



1.8928, 0.9148, 2.8419

Previews

White Background



This preview shows how the XYZ color 52.4093, 65.7079, 86.2646 looks on a white background.

Color Contrast Check

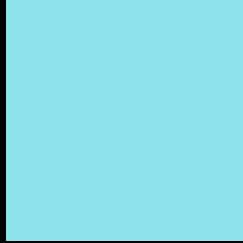
Large Text (above 18pt) WCAG AA × Fail

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 52.4093, 65.7079, 86.2646 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

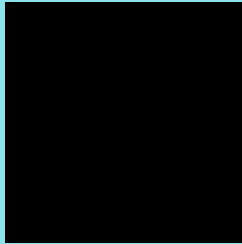
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.4093, 65.7079, 86.2646

Background



This preview shows how black text looks on a background with the XYZ color 52.4093, 65.7079, 86.2646.



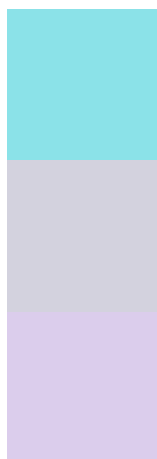
This preview shows how white text looks on a background with the XYZ color 52.4093, 65.7079,

86.2646.

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

52.4093, 65.7079, 86.2646

Protanopia

63.0954, 65.2160, 78.3697

Deuteranopia

66.1851, 64.7788, 88.3721



Tritanopia

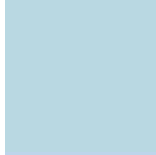
53.8380, 65.4729, 93.8044

Trichromacy



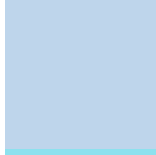
Original Color

52.4093, 65.7079, 86.2646



Protanomaly

58.2909, 64.9170, 81.4095



Deuteranomaly

60.0249, 64.5338, 87.8899



Tritanomaly

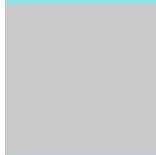
53.3423, 65.6862, 90.7562

Monochromacy



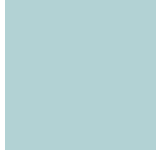
Original Color

52.4093, 65.7079, 86.2646



Achromatopsia

55.5167, 58.4078, 63.6061



Achromatomaly

53.2904, 60.3116, 71.1200

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.4093, 65.7079, 86.2646 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(139, 226, 232)` looks like.

```
.text, #text, p{  
    color:rgb(139, 226, 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(139, 226, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 226, 232) }
```

Border

The CSS property to change the border of an element to XYZ 52.4093, 65.7079, 86.2646 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(139, 226, 232) }
```


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

```
.border{ border-color:rgb(139, 226, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 226, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 226, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 226, 232);  
box-shadow:4px 4px 4px 4px rgb(139, 226,  
232) }
```

Background

The CSS property to change the background color of an element to XYZ 52.4093, 65.7079, 86.2646 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 226, 232) }
```

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

```
.background{ background-color: rgb(139,  
226, 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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