

Converting Colors

XYZ(50.3926, 58.9262, 86.8752)

Have a look what the booklet for
XYZ(50.3926, 58.9262, 86.8752)
contains.

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Color

**XYZ(50.3583, 58.8249,
86.5421)**

Conversions

Conversions Part 1

Format	Color
Hex	94D3EA
RGB	148, 211, 234
RGB Percent	58%, 83%, 92%
CMY	0.4196, 0.1725, 0.0823
CMYK	0.37, 0.10, 0.00, 0.08
HSL	196°, 67%, 75%
HSV	196°, 37%, 92%
XYZ	50.3583, 58.8249, 86.5421
YIQ	194.7850, -44.9310, -6.2030

Conversions

Conversions Part 2

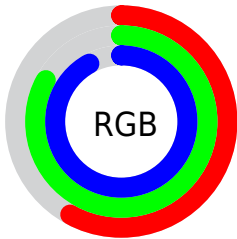
Format	Color
RYB	148, 184, 234
Decimal	9753578
CIELab	81.20, -14.36, -17.68
CIELCh	81, 22.777, 230.930
Yxy	58.8249, 0.2573, 0.3005
Android (android.graphics.Color)	4287943658 (0xFF94D3EA)
YUV	194.7850, 19.3330, -41.0304
Hunter-Lab	76.6974, -17.0201, -13.2122

Details

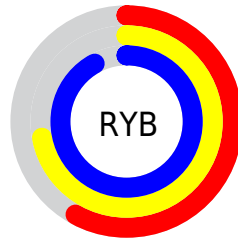
The XYZ color **50.3583, 58.8249, 86.5421** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **53.8410, 48.7574, 34.5920**, and the grayscale version is **51.6531, 54.3431, 59.1796**.

A 20% lighter version of the original color is **78.9868, 91.7191, 108.1483**, and **24.4385, 29.3184, 46.4905** is the 20% darker color. If you saturate the color by 10%, you get **45.0218, 53.8120, 85.8568**, and if you desaturate by 10%, it is **56.6145, 64.4045, 87.2904**.

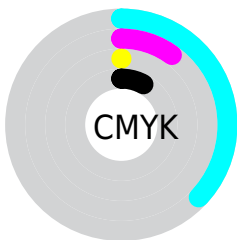
Distribution



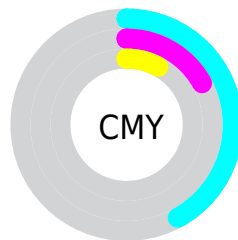
- Red (58%)
- Green (83%)
- Blue (92%)



- Red (58%)
- Yellow (72%)
- Blue (92%)



- Cyan (37%)
- Magenta (10%)
- Yellow (0%)
- Black (8%)





- Cyan (42%)
- Magenta (17%)
- Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 50.3583, 58.8249, 86.5421 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 50.3583, 58.8249, 86.5421 by changing the saturation by 10% instead.

 50.3583, 58.8249,
86.5421


 50.3583, 58.8249,
86.5421


378.4943,
420.2527, 536.9941

 35.9171, 42.4722,
64.5589


 89.8942, 103.1231,
144.4190

 24.5400, 29.4712,
46.6544


 115.7196,
131.8374, 181.1497

 15.8616, 19.4376,
32.4101


146.0705,
165.4411, 223.6333

 9.5165, 11.9869,
21.4076

181.3122,
204.3184, 272.2884

 5.1394, 6.7347,
13.2281

221.8101,
248.8538, 327.5335

 2.3649, 3.2968,
7.4532

267.9295,

 0.8275, 1.2886,

299.4318, 389.7871

3.6644

320.0358,
356.4366, 459.4678

■ 0.0000, 0.1323,
1.4431

■ 0.0000, 0.0000,
0.1750

■ 50.3583, 58.8249,
86.5421

■ 50.3583, 58.8249,
86.5421

■ 45.0218, 53.8120,
85.8568

■ 56.6145, 64.4045,
87.2904

■ 40.5470, 49.3308,
85.2277

■ 63.8332, 70.5698,
88.0999

■ 36.8776, 45.3525,
84.6532

■ 72.0609, 77.3471,
88.9744

■ 33.9477, 41.8423,
84.1301

■ 81.3393, 84.7588,
89.9160

■ 31.6804, 38.7595,
83.6545

■ 87.9307, 90.8791,
90.7499

■ 29.9780, 36.0524,
83.2217

■ 89.8283, 94.6742,
91.3824

■ 29.4946, 35.2268,
83.0879

■ 91.7902, 98.5981,
92.0364

■ 91.8515, 98.7206,
92.0568

Harmonies

Analogous

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



47.8188, 58.8249, 73.8404



50.3583, 58.8249, 86.5421



54.4860, 58.8249, 93.4576

Triad

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



50.3583, 58.8249, 86.5421



65.4088, 58.8249, 68.2564



52.7165, 58.8249, 42.6221

Complementary

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



50.3583, 58.8249, 86.5421



53.8410, 48.7574, 34.5920

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.



57.3613, 58.8249, 41.5664



50.3583, 58.8249, 86.5421



64.8689, 58.8249, 55.1663

Square

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



50.3583, 58.8249, 86.5421



63.2944, 58.8249, 81.9618



61.8582, 58.8249, 45.8380



49.1259, 58.8249, 48.9592

Rectangle

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



50.3583, 58.8249, 86.5421



57.6583, 58.8249, 93.2684



61.8582, 58.8249, 45.8380



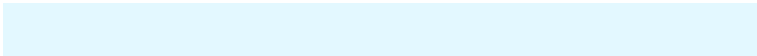
54.2000, 58.8249, 41.6768

Sweetspot

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



50.3601, 58.8272, 86.5435



83.1263, 90.3698, 107.6696



48.9813, 68.0806, 49.0557



17.5009, 19.1027, 23.0147



0.0000, 0.0000, 0.0000



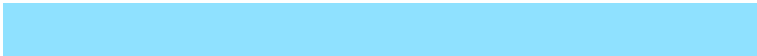
20.3446, 21.4041, 23.3091

Same Dimension

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



50.3601, 58.8272, 86.5435



56.2670, 66.8896, 104.5531



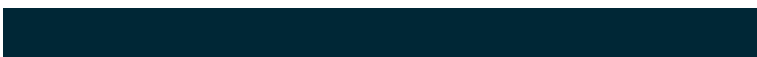
41.0805, 40.2680, 83.4503



15.1572, 16.4008, 19.2890



16.6830, 20.0130, 46.7266



1.3884, 1.7283, 3.6953

Inverse Universe

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



56.2810, 43.3771, 67.0367



64.6224, 46.2809, 76.7578



63.3080, 67.6913, 37.7477



15.5329, 15.2410, 18.0914



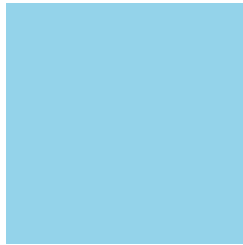
23.2761, 11.5131, 23.0530



1.8673, 0.9199, 2.0186

Previews

White Background



This preview shows how the XYZ color 50.3583, 58.8249, 86.5421 looks on a white background.

Color Contrast Check

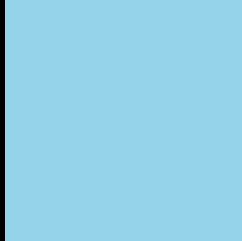
Large Text (above 18pt) WCAG AA × Fail

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 50.3583, 58.8249, 86.5421 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 50.3583, 58.8249, 86.5421

Background



This preview shows how black text looks on a background with the XYZ color 50.3583, 58.8249, 86.5421.



This preview shows how white text looks on a background with the XYZ color 50.3583, 58.8249,

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

50.3583, 58.8249, 86.5421

Protanopia

57.1768, 58.2082, 80.1733

Deuteranopia

59.6546, 58.2908, 88.2279



Tritanopia

49.7190, 58.9472, 82.8862

Trichromacy



Original Color

50.3583, 58.8249, 86.5421

Protanomaly

54.0892, 57.9527, 82.4639

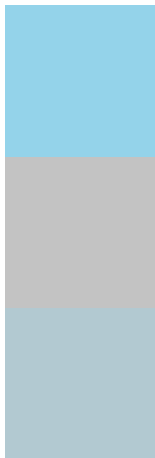
Deuteranomaly

55.5554, 57.8967, 87.6040

Tritanomaly

49.9999, 59.0595, 84.3657

Monochromacy



Original Color

50.3583, 58.8249, 86.5421

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

50.7554, 55.8417, 68.4250

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.3583, 58.8249, 86.5421 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, 211, 234)` looks like.

```
.text, #text, p{  
    color:rgb(148, 211, 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, 211, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 211, 234) }
```

Border

The CSS property to change the border of an element to XYZ 50.3583, 58.8249, 86.5421 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, 211, 234) }
```


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

```
.border{ border-color:rgb(148, 211, 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, 211, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 211, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 211, 234);  
box-shadow:4px 4px 4px 4px rgb(148, 211,  
234) }
```

Background

The CSS property to change the background color of an element to XYZ 50.3583, 58.8249, 86.5421 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 211, 234) }
```

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

```
.background{ background-color: rgb(148,  
211, 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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