

Converting Colors

XYZ(58.5526, 66.0097, 73.8390)

Have a look what the booklet for
XYZ(58.5526, 66.0097, 73.8390)
contains.

XYZ(58.5723, 65.9963, 73.9414)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(58.5723, 65.9963,
73.9414)**

Conversions

Conversions Part 1

Format	Color
Hex	BEDAD7
RGB	190, 218, 215
RGB Percent	75%, 85%, 84%
CMY	0.2549, 0.1451, 0.1569
CMYK	0.13, 0.00, 0.01, 0.15
HSL	174°, 27%, 80%
HSV	174°, 13%, 85%
XYZ	58.5723, 65.9963, 73.9414
YIQ	209.2860, -15.7250, -6.8690

Conversions

Conversions Part 2

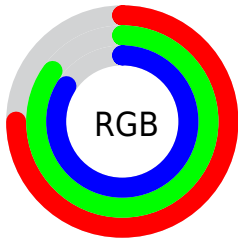
Format	Color
RYB	190, 205, 218
Decimal	12507863
CIELab	84.99, -9.83, -1.67
CIELCh	85, 9.973, 189.618
Yxy	65.9963, 0.2951, 0.3325
Android (android.graphics.Color)	4290697943 (0xFFBEDAD7)
YUV	209.2860, 2.8170, -16.9138
Hunter-Lab	81.2381, -13.4690, 2.9020

Details

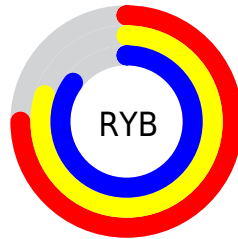
The XYZ color **58.5723, 65.9963, 73.9414** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **56.9549, 55.5842, 58.1820**, and the grayscale version is **60.7821, 63.9475, 69.6388**.

A 20% lighter version of the original color is **92.1678, 98.5142, 108.7651**, and **29.5957, 33.9667, 38.2541** is the 20% darker color. If you saturate the color by 10%, you get **53.2315, 63.2793, 72.1355**, and if you desaturate by 10%, it is **64.7356, 69.1404, 75.8110**.

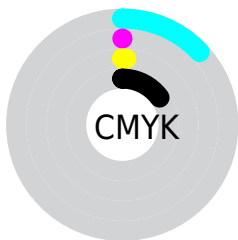
Distribution



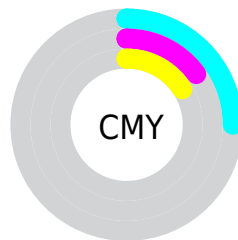
- Red (75%)
- Green (85%)
- Blue (84%)



- Red (75%)
- Yellow (80%)
- Blue (85%)



- Cyan (13%)
- Magenta (0%)
- Yellow (1%)
- Black (15%)



- Cyan (25%)
- Magenta (15%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.5723, 65.9963, 73.9414 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 58.5723, 65.9963, 73.9414 by changing the saturation by 10% instead.

■ 58.5723, 65.9963,
73.9414

■ 58.5723, 65.9963,
73.9414

409.2347,
446.3636, 493.4291

■ 42.5140, 48.2694,
54.2496

■ 101.8740,
113.4810, 126.5460

■ 29.6968, 34.0403,
38.4067

129.8480,
144.0076, 160.2959

■ 19.7555, 22.9245,
25.9942

162.5247,
179.5696, 199.5689

■ 12.3247, 14.5378,
16.5936

200.2693,
220.5513, 244.7835

■ 7.0390, 8.4957,
9.7863

243.4473,
267.3372, 296.3582

■ 3.5330, 4.4137,
5.1537

292.4239,

■ 1.4415, 1.9076,

320.3116, 354.7118

2.2774

347.5646,
379.8590, 420.2625

■ 0.2855, 0.5529,
0.7185

■ 0.0000, 0.0000,
0.0000

■ 58.5723, 65.9963,
73.9414

■ 58.5723, 65.9963,
73.9414

■ 53.2315, 63.2793,
72.1355

■ 64.7356, 69.1404,
75.8110

■ 48.6715, 60.9625,
70.3871


■ 71.7496, 72.7208,
77.7415


■ 44.8554, 59.0287,
68.6957


■ 79.4996, 76.6801,
79.7291


■ 41.7412, 57.4562,
67.0593


■ 79.8153, 76.8064,
81.3914


 39.2825, 56.2213,
65.4757

 80.1353, 76.9344,
83.0767


 37.4275, 55.2970,
63.9422


 80.4598, 77.0642,
84.7851


 36.1164, 54.6526,
62.4561

 80.7886, 77.1957,
86.5167

 35.2771, 54.2510,
61.0138

 81.1218, 77.3290,
88.2715

 34.8805, 54.0685,
60.0047

 81.4595, 77.4641,
90.0497

Harmonies

Analogous

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



58.7725, 65.9963, 67.6439



58.5723, 65.9963, 73.9414



59.4649, 65.9963, 80.0228

Triad

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



58.5723, 65.9963, 73.9414



65.5169, 65.9963, 81.7953



64.2410, 65.9963, 60.8954

Complementary

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



58.5723, 65.9963, 73.9414



56.9549, 55.5842, 58.1820

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.



66.1073, 65.9963, 64.2698



58.5723, 65.9963, 73.9414



66.8561, 65.9963, 76.2452

Square

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



58.5723, 65.9963, 73.9414



63.4506, 65.9963, 84.7321



67.0747, 65.9963, 69.8156



62.0100, 65.9963, 60.3601

Rectangle

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



58.5723, 65.9963, 73.9414



60.5723, 65.9963, 83.0448



67.0747, 65.9963, 69.8156



64.9333, 65.9963, 61.7252

Sweetspot

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



58.5742, 65.9991, 73.9429



91.2208, 98.0463, 107.8040



56.4280, 65.2359, 58.3338



19.3756, 20.9097, 23.0307



0.0000, 0.0000, 0.0000



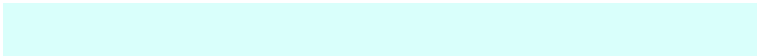
20.3446, 21.4041, 23.3091

Same Dimension

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



58.5742, 65.9991, 73.9429



81.6975, 93.1920, 104.8641



56.2695, 60.7663, 75.0964



13.3816, 14.8043, 16.4722



20.9202, 32.4007, 36.0748



1.3729, 2.1061, 2.4299

Inverse Universe

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



56.9549, 55.5842, 58.1820



79.0199, 75.9695, 78.8023



59.0345, 60.2743, 57.2387



13.1125, 13.0741, 13.8538



17.4363, 8.9756, 1.4117



1.1492, 0.5893, 0.1945

Previews

White Background



This preview shows how the XYZ color 58.5723, 65.9963, 73.9414 looks on a white background.

Color Contrast Check

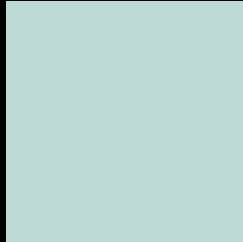
Large Text (above 18pt) WCAG AA × Fail

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 58.5723, 65.9963, 73.9414 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

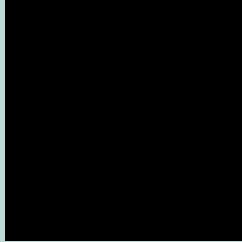
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

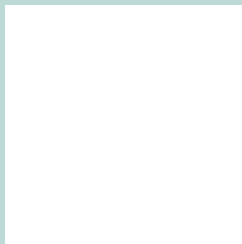
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 58.5723, 65.9963, 73.9414

Background



This preview shows how black text looks on a background with the XYZ color 58.5723, 65.9963, 73.9414.

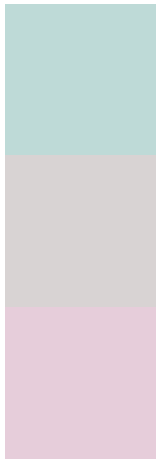


This preview shows how white text looks on a background with the XYZ color 58.5723, 65.9963,

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

58.5723, 65.9963, 73.9414

Protanopia

63.3710, 65.8906, 71.0062

Deuteranopia

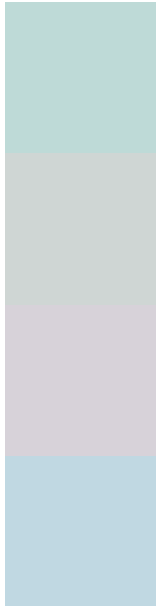
67.1193, 65.5476, 75.4440



Tritanopia

60.8582, 65.7645, 85.8302

Trichromacy



Original Color

58.5723, 65.9963, 73.9414

Protanomaly

61.6624, 66.1120, 71.7983

Deuteranomaly

63.5953, 65.5500, 74.9462

Tritanomaly

60.0216, 65.8092, 81.4905

Monochromacy



Original Color

58.5723, 65.9963, 73.9414

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

59.6585, 64.3467, 70.9038

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.5723, 65.9963, 73.9414 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(190, 218, 215)` looks like.

```
.text, #text, p{  
    color:rgb(190, 218, 215)  
}
```

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(190, 218, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 218, 215) }
```

Border

The CSS property to change the border of an element to XYZ 58.5723, 65.9963, 73.9414 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(190, 218, 215) }
```


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

```
.border{ border-color:rgb(190, 218, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 218, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(190, 218, 215); -webkit-box-shadow:4px 4px 4px 4px rgb(190, 218, 215); box-shadow:4px 4px 4px 4px rgb(190, 218, 215) }
```

Background

The CSS property to change the background color of an element to XYZ 58.5723, 65.9963, 73.9414 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 218, 215) }
```

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

```
.background{ background-color: rgb(190,  
218, 215) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor