

Converting Colors

XYZ(53.8946, 57.6899, 73.9404)

Have a look what the booklet for
XYZ(53.8946, 57.6899, 73.9404)
contains.

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Color

**XYZ(53.8946, 57.6899,
73.9404)**

Conversions

Conversions Part 1

Format	Color
Hex	BACAD9
RGB	186, 202, 217
RGB Percent	73%, 79%, 85%
CMY	0.2706, 0.2078, 0.1490
CMYK	0.14, 0.07, 0.00, 0.15
HSL	209°, 29%, 79%
HSV	209°, 14%, 85%
XYZ	53.8946, 57.6899, 73.9404
YIQ	198.9260, -14.3510, 1.2730

Conversions

Conversions Part 2

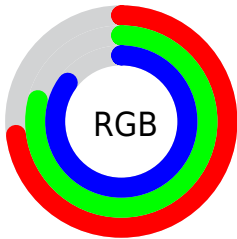
Format	Color
RYB	186, 197, 217
Decimal	12241625
CIELab	80.57, -2.39, -9.30
CIELCh	81, 9.602, 255.606
Yxy	57.6899, 0.2905, 0.3110
Android (android.graphics.Color)	4290431705 (0xFFBACAD9)
YUV	198.9260, 8.9105, -11.3361
Hunter-Lab	75.9539, -6.2610, -4.5506

Details

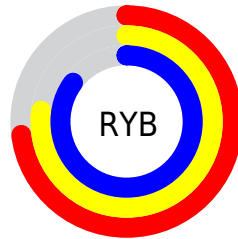
The XYZ color **53.8946, 57.6899, 73.9404** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.3652, 60.0700, 54.9740**, and the grayscale version is **54.1958, 57.0182, 62.0928**.

A 20% lighter version of the original color is **90.4279, 97.6172, 108.6837**, and **26.7844, 28.7750, 38.3249** is the 20% darker color. If you saturate the color by 10%, you get **46.6382, 50.4173, 72.9200**, and if you desaturate by 10%, it is **62.1226, 65.7152, 75.0567**.

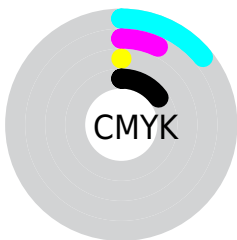
Distribution



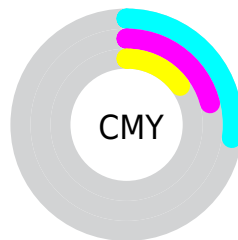
- Red (73%)
- Green (79%)
- Blue (85%)



- Red (73%)
- Yellow (77%)
- Blue (85%)



- Cyan (14%)
- Magenta (7%)
- Yellow (0%)
- Black (15%)



- Cyan (27%)
- Magenta (21%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.8946, 57.6899, 73.9404 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 53.8946, 57.6899, 73.9404 by changing the saturation by 10% instead.

■ 53.8946, 57.6899,
73.9404

■ 53.8946, 57.6899,
73.9404

391.9129,
416.0294, 493.4255

■ 38.7477, 41.5594,
54.2488

■ 95.0773, 101.4711,
126.5446

■ 26.7434, 28.7564,
38.4061

121.8438,
129.8907, 160.2942

■ 17.5162, 18.8967,
25.9937

153.2142,
163.1753, 199.5669

■ 10.7008, 11.5956,
16.5932

189.5540,
201.7095, 244.7812

■ 5.9318, 6.4690,
9.7860

231.2283,
245.8776, 296.3557

■ 2.8439, 3.1323,
5.1536

278.6027,

■ 1.0718, 1.2012,

296.0641, 354.7089

2.2773

332.0424,
352.6532, 420.2593

■ 0.0013, 0.0627,
0.7185

■ 0.0000, 0.0000,
0.0000

■ 53.8946, 57.6899,
73.9404

■ 53.8946, 57.6899,
73.9404

■ 46.6382, 50.4173,
72.9200

■ 62.1226, 65.7152,
75.0567

■ 40.3089, 43.8650,
71.9889

■ 71.3540, 74.5098,
76.2677

■ 34.8664, 38.0087,
71.1453

■ 81.6255, 84.0988,
77.5772

■ 30.2650, 32.8195,
70.3863

■ 86.1144, 90.9694,
78.6667

■ 26.4546, 28.2663,
69.7082

■ 89.3638, 97.4682,
79.7499

■ 23.3792, 24.3145,
69.1076

■ 89.5246, 97.7898,
79.8035

■ 20.9744, 20.9252,
68.5801

■ 19.1625, 18.0523,
68.1211

■ 18.3209, 16.6025,
67.8856

Harmonies

Analogous

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



52.2204, 57.6899, 70.9047



53.8946, 57.6899, 73.9404



55.8598, 57.6899, 73.8740

Triad

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



53.8946, 57.6899, 73.9404



58.5692, 57.6899, 59.9358



52.1654, 57.6899, 55.5140

Complementary

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



53.8946, 57.6899, 73.9404



58.3652, 60.0700, 54.9740

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.



53.8179, 57.6899, 52.9178



53.8946, 57.6899, 73.9404



57.5304, 57.6899, 55.3644

Square

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



53.8946, 57.6899, 73.9404



58.5910, 57.6899, 65.5550



55.7813, 57.6899, 52.8647



51.2384, 57.6899, 60.1514

Rectangle

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



53.8946, 57.6899, 73.9404



57.0717, 57.6899, 72.0714



55.7813, 57.6899, 52.8647



52.6527, 57.6899, 54.3862

Sweetspot

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



53.8963, 57.6923, 73.9417



89.8424, 95.0084, 108.2110



55.6042, 64.2821, 64.7261



19.0260, 20.1391, 23.1344



0.0000, 0.0000, 0.0000



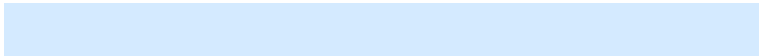
20.3446, 21.4041, 23.3091

Same Dimension

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



53.8963, 57.6923, 73.9417



74.5314, 80.0267, 106.1262



50.4431, 50.7859, 72.7906



12.8918, 13.7234, 16.6215



11.1967, 10.2629, 41.1292



0.8115, 0.8372, 2.6933

Inverse Universe

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



56.8362, 54.1350, 63.3334



79.5514, 74.1143, 87.9757



62.1591, 67.6577, 56.2386



13.3353, 13.1632, 15.0268



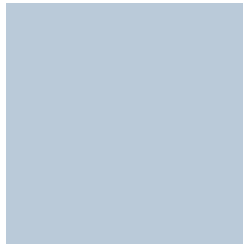
19.1469, 9.6598, 10.4197



1.2839, 0.6432, 0.9041

Previews

White Background



This preview shows how the XYZ color 53.8946, 57.6899, 73.9404 looks on a white background.

Color Contrast Check

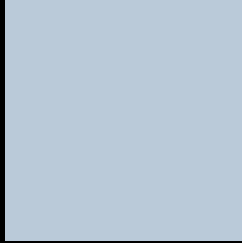
Large Text (above 18pt) WCAG AA × Fail

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 53.8946, 57.6899, 73.9404 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

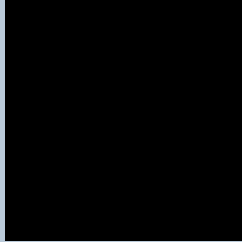
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

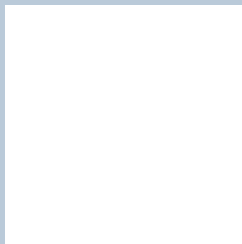
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 53.8946, 57.6899, 73.9404

Background



This preview shows how black text looks on a background with the XYZ color 53.8946, 57.6899, 73.9404.

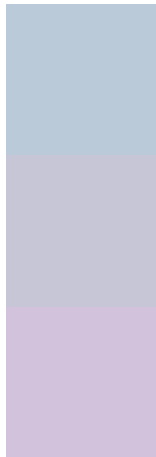


This preview shows how white text looks on a background with the XYZ color 53.8946, 57.6899,

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

53.8946, 57.6899, 73.9404

Protanopia

56.0130, 57.4366, 72.4241

Deuteranopia

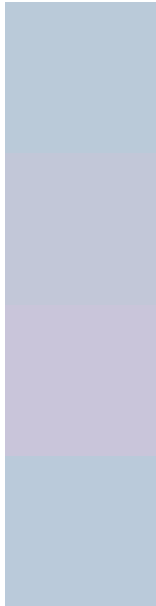
58.6563, 57.3997, 75.0056



Tritanopia

54.0251, 57.7421, 74.6276

Trichromacy



Original Color

53.8946, 57.6899, 73.9404

Protanomaly

55.0662, 57.2740, 73.1184

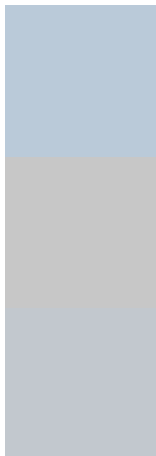
Deuteranomaly

56.7085, 57.4120, 74.4224

Tritanomaly

54.0251, 57.7421, 74.6276

Monochromacy



Original Color

53.8946, 57.6899, 73.9404

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

54.0430, 57.2341, 66.5914

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.8946, 57.6899, 73.9404 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(186, 202, 217)` looks like.

```
.text, #text, p{  
    color:rgb(186, 202, 217)  
}
```

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(186, 202, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 202, 217) }
```

Border

The CSS property to change the border of an element to XYZ 53.8946, 57.6899, 73.9404 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(186, 202, 217) }
```


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

```
.border{ border-color:rgb(186, 202, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 202, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 202, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 202, 217);  
box-shadow:4px 4px 4px 4px rgb(186, 202,  
217) }
```

Background

The CSS property to change the background color of an element to XYZ 53.8946, 57.6899, 73.9404 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 202, 217) }
```

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

```
.background{ background-color: rgb(186,  
202, 217) }
```

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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