

Converting Colors

XYZ(53.9664, 56.2345, 74.3405)

Have a look what the booklet for
XYZ(53.9664, 56.2345, 74.3405)
contains.

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Color

**XYZ(54.0842, 56.3973,
74.3649)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | BEC6DA |
| RGB | 190, 198, 218 |
| RGB Percent | 75%, 78%, 85% |
| CMY | 0.2549, 0.2235, 0.1451 |
| CMYK | 0.13, 0.09, 0.00, 0.15 |
| HSL | 223°, 27%, 80% |
| HSV | 223°, 13%, 85% |
| XYZ | 54.0842, 56.3973, 74.3649 |
| YIQ | 197.8880, -11.1880, 4.5240 |

Conversions

Conversions Part 2

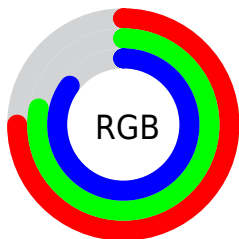
| Format | Color |
|-------------------------------------|--|
| RYB | 190, 196, 218 |
| Decimal | 12502746 |
| CIELab | 79.84, 1.23, -10.89 |
| CIElCh | 80, 10.959, 276.445 |
| Yxy | 56.3973, 0.2926, 0.3051 |
| Android (android.graphics.Color) | 4290692826 (0xFFBEC6DA) |
| YUV | 197.8880, 9.9152, -6.9178 |
| Hunter-Lab | 75.0981, -2.8695, -6.1424 |

Details

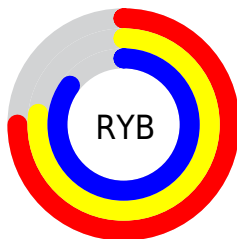
The XYZ color **54.0842, 56.3973, 74.3649** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **61.2546, 64.7160, 57.9793**, and the grayscale version is **53.5565, 56.3456, 61.3603**.

A 20% lighter version of the original color is **91.8160, 98.3328, 108.7487**, and **26.7375, 27.8251, 38.6119** is the 20% darker color. If you saturate the color by 10%, you get **45.6637, 47.0434, 73.0041**, and if you desaturate by 10%, it is **63.6883, 66.9074, 75.8883**.

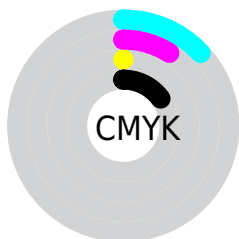
Distribution



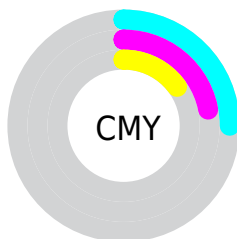
- Red (75%)
- Green (78%)
- Blue (85%)



- Red (75%)
- Yellow (77%)
- Blue (85%)



- Cyan (13%)
- Magenta (9%)
- Yellow (0%)
- Black (15%)



- Cyan (25%)
- Magenta (22%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.0842, 56.3973, 74.3649 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 54.0842, 56.3973, 74.3649 by changing the saturation by 10% instead.

■ 54.0842, 56.3973,
74.3649

■ 54.0842, 56.3973,
74.3649

392.6241,
411.1870, 494.9289

■ 38.8999, 40.5216,
54.5942

■ 95.3540, 99.5852,
127.1518

■ 26.8623, 27.9454,
38.6805

122.1703,
127.6662, 161.0050

■ 17.6059, 18.2845,
26.2053

153.5946,
160.5844, 200.3894

■ 10.7654, 11.1545,
16.7502

189.9923,
198.7242, 245.7236

■ 5.9754, 6.1708,
9.8965

231.7287,
242.4699, 297.4261

■ 2.8706, 2.9492,
5.2257

279.1693,

■ 1.0857, 1.1053,

292.2060, 355.9154

2.3192

332.6793,
348.3170, 421.6102

■ 0.0131, 0.0000,
0.7420

■ 0.0000, 0.0000,
0.0000

■ 54.0842, 56.3973,
74.3649

■ 54.0842, 56.3973,
74.3649

■ 45.6637, 47.0434,
73.0041

■ 63.6883, 66.9074,
75.8883

■ 38.3748, 38.7981,
71.7968

■ 74.5153, 78.6052,
77.5755

■ 32.1688, 31.6207,
70.7385

■ 86.4607, 91.4532,
79.4258

■ 26.9916, 25.4653,
69.8233

■ 89.6551, 97.8420,
80.4906

■ 22.7839, 20.2822,
69.0446

■ 19.4803, 16.0174,
68.3955

■ 17.0064, 12.6106,
67.8683

■ 15.2741, 9.9930,
67.4544

■ 14.3944, 8.5407,
67.2204

Harmonies

Analogous

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



51.9171, 56.3973, 73.3011



54.0842, 56.3973, 74.3649



56.1783, 56.3973, 71.7688

Triad

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



54.0842, 56.3973, 74.3649



57.1094, 56.3973, 54.4315



49.7878, 56.3973, 56.6528

Complementary

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



54.0842, 56.3973, 74.3649



61.2546, 64.7160, 57.9793

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.



51.1095, 56.3973, 52.0940



54.0842, 56.3973, 74.3649



55.3269, 56.3973, 50.8747

Square

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



54.0842, 56.3973, 74.3649



57.9557, 56.3973, 60.0459



53.1265, 56.3973, 50.0493



49.4757, 56.3973, 62.7886

Rectangle

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



54.0842, 56.3973, 74.3649



57.2382, 56.3973, 68.4107



53.1265, 56.3973, 50.0493



50.1269, 56.3973, 54.8985

Sweetspot

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



54.0859, 56.3997, 74.3662



89.1164, 93.5564, 107.9690



57.8907, 65.7242, 70.3477



18.8425, 19.7721, 23.0732



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.



54.0859, 56.3997, 74.3662



74.2471, 77.2455, 105.6044



53.7305, 53.5723, 73.8391



12.6403, 13.2203, 16.5377



8.7035, 5.2763, 40.2981



0.6366, 0.4874, 2.6350

Inverse Universe

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



57.5213, 55.8108, 61.1697



79.9480, 76.3407, 83.6892



61.6335, 67.9181, 58.5774



13.2083, 13.1124, 14.3581



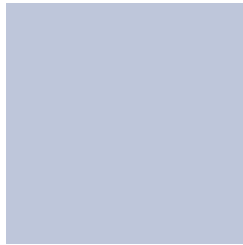
17.8884, 9.1564, 3.7925



1.1956, 0.6079, 0.4391

Previews

White Background



This preview shows how the XYZ color 54.0842, 56.3973, 74.3649 looks on a white background.

Color Contrast Check

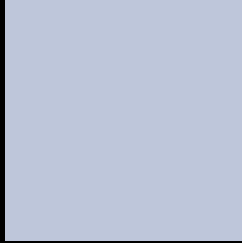
Large Text (above 18pt) WCAG AA × Fail

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 54.0842, 56.3973, 74.3649 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

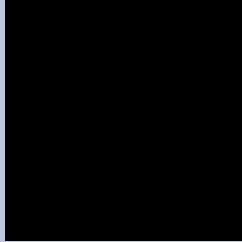
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.0842, 56.3973, 74.3649

Background



This preview shows how black text looks on a background with the XYZ color 54.0842, 56.3973, 74.3649.



This preview shows how white text looks on a background with the XYZ color 54.0842, 56.3973,

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

54.0842, 56.3973, 74.3649

Protanopia

55.0293, 56.2254, 73.5979

Deuteranopia

57.3679, 56.0791, 74.8186



Tritanopia

53.5473, 56.5207, 71.7057

Trichromacy



Original Color

54.0842, 56.3973, 74.3649

Protanomaly

54.7388, 56.4116, 73.6491

Deuteranomaly

56.1654, 56.1156, 74.8890

Tritanomaly

53.6754, 56.5720, 72.3805

Monochromacy



Original Color

54.0842, 56.3973, 74.3649

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

53.7192, 56.3980, 65.8122

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.0842, 56.3973, 74.3649 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, 198, 218)` looks like.

```
.text, #text, p{  
    color:rgb(190, 198, 218)  
}
```

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, 198, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 198, 218) }
```

Border

The CSS property to change the border of an element to XYZ 54.0842, 56.3973, 74.3649 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, 198, 218) }
```


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

```
.border{ border-color:rgb(190, 198, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 198, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 198, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 198, 218);  
box-shadow:4px 4px 4px 4px rgb(190, 198,  
218) }
```

Background

The CSS property to change the background color of an element to XYZ 54.0842, 56.3973, 74.3649 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 198, 218) }
```

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

```
.background{ background-color: rgb(190,  
198, 218) }
```

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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