

Converting Colors

XYZ(53.8739, 56.6813, 72.7328)

Have a look what the booklet for
XYZ(53.8739, 56.6813, 72.7328)
contains.

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Color

**XYZ(53.8044, 56.6235,
73.0594)**

Conversions

Conversions Part 1

Format	Color
Hex	BDC7D8
RGB	189, 199, 216
RGB Percent	74%, 78%, 85%
CMY	0.2588, 0.2196, 0.1529
CMYK	0.12, 0.08, 0.00, 0.15
HSL	218°, 26%, 79%
HSV	218°, 12%, 85%
XYZ	53.8044, 56.6235, 73.0594
YIQ	197.9480, -11.4170, 3.1670

Conversions

Conversions Part 2

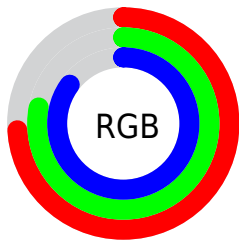
Format	Color
RYB	189, 196, 216
Decimal	12437464
CIELab	79.97, -0.04, -9.63
CIELCh	80, 9.632, 269.778
Yxy	56.6235, 0.2932, 0.3086
Android (android.graphics.Color)	4290627544 (0xFFBDC7D8)
YUV	197.9480, 8.8996, -7.8474
Hunter-Lab	75.2486, -4.0536, -4.8911

Details

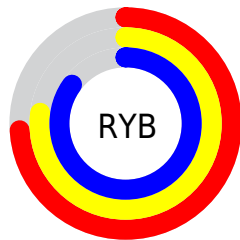
The XYZ color **53.8044, 56.6235, 73.0594** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **59.5760, 62.4156, 57.0528**, and the grayscale version is **53.5989, 56.3902, 61.4090**.

A 20% lighter version of the original color is **91.4662, 98.1525, 108.7323**, and **26.7118, 28.0582, 37.7261** is the 20% darker color. If you saturate the color by 10%, you get **45.8503, 48.0854, 71.8315**, and if you desaturate by 10%, it is **62.8394, 66.1369, 74.4204**.

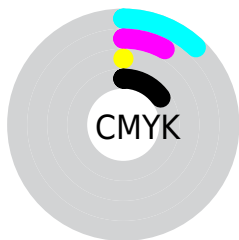
Distribution



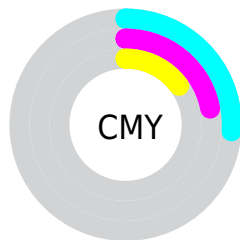
- Red (74%)
- Green (78%)
- Blue (85%)



- Red (74%)
- Yellow (77%)
- Blue (85%)



- Cyan (12%)
- Magenta (8%)
- Yellow (0%)
- Black (15%)



- Cyan (26%)
- Magenta (22%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.8044, 56.6235, 73.0594 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 53.8044, 56.6235, 73.0594 by changing the saturation by 10% instead.

■ 53.8044, 56.6235,
73.0594

■ 53.8044, 56.6235,
73.0594

391.5742,
412.0370, 490.2970

■ 38.6754, 40.7030,
53.5324

■ 94.9456, 99.9156,
125.2832

■ 26.6869, 28.0871,
37.8373

121.6884,
128.0561, 158.8172

■ 17.4735, 18.3913,
25.5556

153.0332,
161.0386, 197.8572

■ 10.6701, 11.2313,
16.2687

189.3453,
199.2477, 242.8217

■ 5.9111, 6.2226,
9.5581

230.9901,
243.0677, 294.1295

■ 2.8312, 2.9809,
5.0052

278.3330,

■ 1.0652, 1.1218,

292.8830, 352.1989

2.1915

331.7392,
349.0779, 417.4485

■ 0.0000, 0.0000,
0.6695

■ 0.0000, 0.0000,
0.0000

■ 53.8044, 56.6235,
73.0594

■ 53.8044, 56.6235,
73.0594

■ 45.8503, 48.0854,
71.8315

■ 62.8394, 66.1369,
74.4204

■ 38.9297, 40.4828,
70.7288

■ 72.9903, 76.6496,
75.9145

■ 32.9989, 33.7834,
69.7483

■ 84.2966, 88.1933,
77.5468

■ 28.0089, 27.9503,
68.8854

■ 88.8856, 96.7194,
78.9506

■ 23.9064, 22.9435,
68.1352

■ 89.3948, 97.7379,
79.1204

■ 20.6321, 18.7196,
67.4925

■ 18.1188, 15.2301,
66.9514

■ 16.2866, 12.4192,
66.5054

■ 15.2649, 10.6981,
66.2271

Harmonies

Analogous

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



51.9487, 56.6235, 71.4330



53.8044, 56.6235, 73.0594



55.7078, 56.6235, 71.4789

Triad

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



53.8044, 56.6235, 73.0594



57.1485, 56.6235, 56.4590



50.6353, 56.6235, 56.3910

Complementary

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



53.8044, 56.6235, 73.0594



59.5760, 62.4156, 57.0528

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.



51.9733, 56.6235, 52.7722



53.8044, 56.6235, 73.0594



55.7336, 56.6235, 52.8098

Square

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



53.8044, 56.6235, 73.0594



57.6667, 56.6235, 61.6950



53.8335, 56.6235, 51.5009



50.1462, 56.6235, 61.6117

Rectangle

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



53.8044, 56.6235, 73.0594



56.7409, 56.6235, 68.8709



53.8335, 56.6235, 51.5009



50.9990, 56.6235, 54.9586

Sweetspot

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



53.8061, 56.6259, 73.0607



89.3820, 94.0877, 108.0575



56.6413, 64.3708, 67.6104



18.9096, 19.9063, 23.0956



0.0000, 0.0000, 0.0000



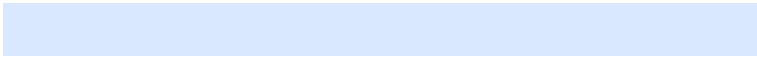
20.3446, 21.4041, 23.3091

Same Dimension

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



53.8061, 56.6259, 73.0607



75.1445, 79.0405, 105.9035



52.3697, 52.5804, 72.3555



12.1157, 12.7547, 15.7609



9.1302, 6.5221, 39.2308



0.6287, 0.5493, 2.3922

Inverse Universe

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



56.8267, 55.1190, 61.6794



80.4010, 76.5219, 86.0747



61.1393, 66.9106, 57.8380



12.6116, 12.4961, 13.8948



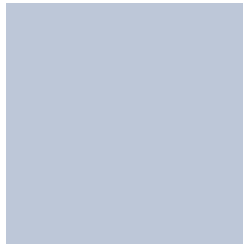
17.6673, 9.0033, 5.5523



1.1050, 0.5588, 0.5422

Previews

White Background



This preview shows how the XYZ color 53.8044, 56.6235, 73.0594 looks on a white background.

Color Contrast Check

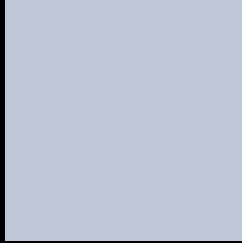
Large Text (above 18pt) WCAG AA × Fail

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 53.8044, 56.6235, 73.0594 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

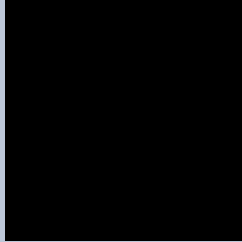
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

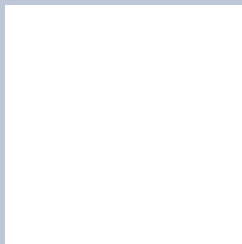
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 53.8044, 56.6235, 73.0594

Background



This preview shows how black text looks on a background with the XYZ color 53.8044, 56.6235, 73.0594.

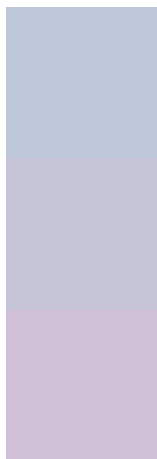


This preview shows how white text looks on a background with the XYZ color 53.8044, 56.6235,

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

53.8044, 56.6235, 73.0594

Protanopia

55.2580, 56.7091, 72.3235

Deuteranopia

57.6068, 56.5596, 73.5265



Tritanopia

53.6754, 56.5720, 72.3805

Trichromacy



Original Color

53.8044, 56.6235, 73.0594

Protanomaly

54.7080, 56.7638, 72.3631

Deuteranomaly

56.1269, 56.4575, 73.5848

Tritanomaly

53.6754, 56.5720, 72.3805

Monochromacy



Original Color

53.8044, 56.6235, 73.0594

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 53.8044, 56.6235, 73.0594 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(189, 199, 216)` looks like.

```
.text, #text, p{  
    color:rgb(189, 199, 216)  
}
```

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(189, 199, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 199, 216) }
```

Border

The CSS property to change the border of an element to XYZ 53.8044, 56.6235, 73.0594 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(189, 199, 216) }
```


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

```
.border{ border-color:rgb(189, 199, 216) }
```

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

Here you see how a box with a 4 pixel rgb(189, 199, 216) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 199, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 199, 216);  
box-shadow:4px 4px 4px 4px rgb(189, 199,  
216) }
```

Background

The CSS property to change the background color of an element to XYZ 53.8044, 56.6235, 73.0594 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 199, 216) }
```

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

```
.background{ background-color: rgb(189,  
199, 216) }
```

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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