

Converting Colors

XYZ(53.4129, 59.7899, 61.5006)

Have a look what the booklet for
XYZ(53.4129, 59.7899, 61.5006)
contains.

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Color

**XYZ(53.3730, 59.8343,
61.5594)**

Conversions

Conversions Part 1

Format	Color
Hex	BCD0C5
RGB	188, 208, 197
RGB Percent	74%, 82%, 77%
CMY	0.2627, 0.1843, 0.2274
CMYK	0.10, 0.00, 0.05, 0.18
HSL	147°, 18%, 78%
HSV	147°, 10%, 82%
XYZ	53.3730, 59.8343, 61.5594
YIQ	200.7660, -8.3890, -7.6610

Conversions

Conversions Part 2

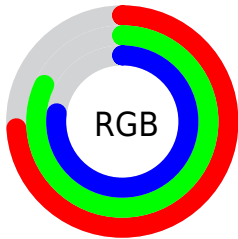
Format	Color
RYB	188, 202, 208
Decimal	12374213
CIELab	81.75, -8.82, 3.15
CIELCh	82, 9.368, 160.324
Yxy	59.8343, 0.3054, 0.3424
Android (android.graphics.Color)	4290564293 (0xFFBCD0C5)
YUV	200.7660, -1.8566, -11.1958
Hunter-Lab	77.3526, -12.2028, 6.9622

Details

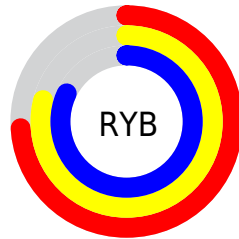
The XYZ color **53.3730, 59.8343, 61.5594** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **54.3067, 53.5015, 61.5004**, and the grayscale version is **55.3887, 58.2732, 63.4595**.

A 20% lighter version of the original color is **90.9576, 97.9089, 107.8703**, and **26.5052, 30.2453, 30.4275** is the 20% darker color. If you saturate the color by 10%, you get **47.3521, 56.8779, 54.6921**, and if you desaturate by 10%, it is **60.2354, 63.2164, 68.9881**.

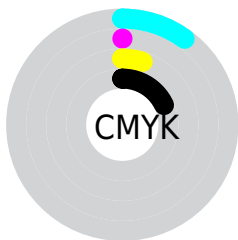
Distribution



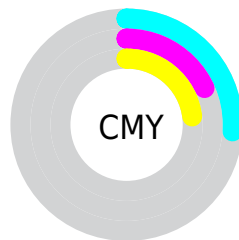
- Red (74%)
- Green (82%)
- Blue (77%)



- Red (74%)
- Yellow (79%)
- Blue (82%)



- Cyan (10%)
- Magenta (0%)
- Yellow (5%)
- Black (18%)



- Cyan (26%)
- Magenta (18%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.3730, 59.8343, 61.5594 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 53.3730, 59.8343, 61.5594 by changing the saturation by 10% instead.

■ 53.3730, 59.8343,
61.5594

■ 53.3730, 59.8343,
61.5594

389.9520,
423.9867, 448.2853

■ 38.3293, 43.2851,
44.2433

■ 94.3153, 104.5893,
108.6539

■ 26.4167, 30.1089,
30.5232

120.9446,
133.5638, 139.2694

■ 17.2700, 19.9212,
19.9807

152.1665,
167.4489, 175.1550

■ 10.5237, 12.3378,
12.1970

188.3463,
206.6290, 216.7294

■ 5.8124, 6.9742,
6.7539

229.8494,
251.4884, 264.4111

■ 2.7709, 3.4460,
3.2325

277.0412,

■ 1.0338, 1.3687,

302.4116, 318.6187

1.2146

330.2869,
359.7829, 379.7705

■ 0.0000, 0.1935,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 53.3730, 59.8343,
61.5594

■ 53.3730, 59.8343,
61.5594

■ 47.3521, 56.8779,
54.6921

■ 60.2354, 63.2164,
68.9881

■ 42.1339, 54.3223,
48.3691

■ 67.9658, 67.0325,
76.9869

■ 37.6842, 52.1520,
42.5784

■ 76.5960, 71.3005,
85.5691

■ 33.9641, 50.3471,
37.3057

■ 79.9398, 72.8311,
94.4558

■ 30.9314, 48.8861,
32.5363

■ 81.7202, 73.5432,
103.8313

■ 28.5390, 47.7450,
28.2547

■ 81.8470, 73.5940,
104.4990

■ 26.7337, 46.8968,
24.4443

■ 25.4529, 46.3095,
21.0877

■ 24.5884, 45.9277,
18.1644

Harmonies

Analogous

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



54.4511, 59.8343, 57.2126



53.3730, 59.8343, 61.5594



53.2197, 59.8343, 67.1158

Triad

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



53.3730, 59.8343, 61.5594



57.5533, 59.8343, 76.4329



59.8121, 59.8343, 58.3689

Complementary

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



53.3730, 59.8343, 61.5594



54.3067, 53.5015, 61.5004

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.



60.6850, 59.8343, 63.2217



53.3730, 59.8343, 61.5594



59.3610, 59.8343, 73.7882

Square

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



53.3730, 59.8343, 61.5594



55.6030, 59.8343, 75.9240



60.5180, 59.8343, 68.8763



58.1576, 59.8343, 55.4456

Rectangle

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



53.3730, 59.8343, 61.5594



53.6587, 59.8343, 70.7900



60.5180, 59.8343, 68.8763



60.2084, 59.8343, 59.8167

Sweetspot

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



53.3747, 59.8368, 61.5607



91.6211, 98.3098, 105.2416



55.2769, 60.9331, 56.4258



19.4191, 20.9479, 22.3198



0.0000, 0.0000, 0.0000



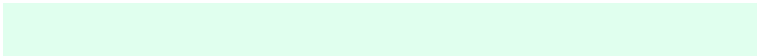
20.3446, 21.4041, 23.3091

Same Dimension

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



53.3747, 59.8368, 61.5607



82.0819, 93.6142, 94.7612



54.5188, 60.2945, 67.5854



11.8742, 13.2934, 13.6941



15.3529, 28.6341, 11.5046



0.8982, 1.6169, 0.8524

Inverse Universe

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



54.3067, 53.5015, 61.5004



83.9152, 81.1514, 94.6422



53.2191, 53.0665, 55.7731



12.0769, 11.9155, 13.6810



18.1696, 9.1407, 11.0650



1.0556, 0.5270, 0.8277

Previews

White Background



This preview shows how the XYZ color 53.3730, 59.8343, 61.5594 looks on a white background.

Color Contrast Check

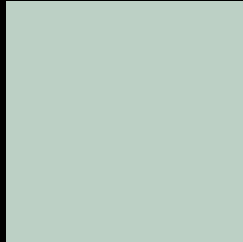
Large Text (above 18pt) WCAG AA × Fail

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 53.3730, 59.8343, 61.5594 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

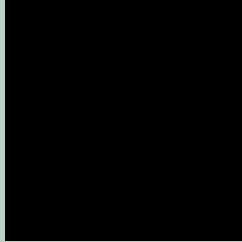
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

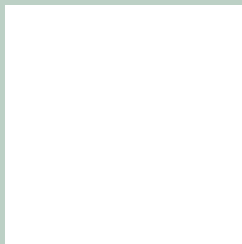
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 53.3730, 59.8343, 61.5594

Background



This preview shows how black text looks on a background with the XYZ color 53.3730, 59.8343, 61.5594.



This preview shows how white text looks on a background with the XYZ color 53.3730, 59.8343,

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

53.3730, 59.8343, 61.5594

Protanopia

57.1526, 59.6914, 59.5483

Deuteranopia

60.7892, 59.4507, 62.3040



Tritanopia

56.3822, 59.6127, 76.9413

Trichromacy



Original Color

53.3730, 59.8343, 61.5594

Protanomaly

55.5306, 59.5434, 60.1960

Deuteranomaly

57.7113, 59.2347, 61.8178

Tritanomaly

55.2008, 59.4925, 70.8612

Monochromacy



Original Color

53.3730, 59.8343, 61.5594

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

54.7831, 59.0916, 63.1620

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.3730, 59.8343, 61.5594 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(188, 208, 197)` looks like.

```
.text, #text, p{  
    color:rgb(188, 208, 197)  
}
```

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(188, 208, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 208, 197) }
```

Border

The CSS property to change the border of an element to XYZ 53.3730, 59.8343, 61.5594 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(188, 208, 197) }
```


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

```
.border{ border-color:rgb(188, 208, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 208, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 208, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 208, 197);  
box-shadow:4px 4px 4px 4px rgb(188, 208,  
197) }
```

Background

The CSS property to change the background color of an element to XYZ 53.3730, 59.8343, 61.5594 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 208, 197) }
```

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

```
.background{ background-color: rgb(188,  
208, 197) }
```

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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