

Converting Colors

XYZ(51.5888, 53.0746, 60.9515)

Have a look what the booklet for
XYZ(51.5888, 53.0746, 60.9515)
contains.

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Color

**XYZ(51.5888, 53.0746,
60.9515)**

Conversions

Conversions Part 1

Format	Color
Hex	C4BFC6
RGB	196, 191, 198
RGB Percent	77%, 75%, 78%
CMY	0.2314, 0.2510, 0.2235
CMYK	0.01, 0.04, 0.00, 0.22
HSL	283°, 6%, 76%
HSV	283°, 4%, 78%
XYZ	51.5888, 53.0746, 60.9515
YIQ	193.2930, 0.7330, 3.2370

Conversions

Conversions Part 2

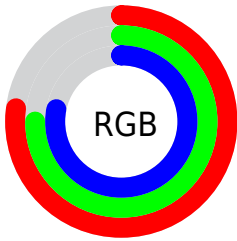
Format	Color
R_{YB}	196, 191, 198
Decimal	12894150
CIE Lab	77.92, 3.03, -2.90
CIE LCh	78, 4.198, 316.286
Yxy	53.0746, 0.3115, 0.3205
Android (android.graphics.Color)	4291084230 (0xFFC4BFC6)
YUV	193.2930, 2.3206, 2.3740
Hunter-Lab	72.8523, -1.0906, 1.3920

Details

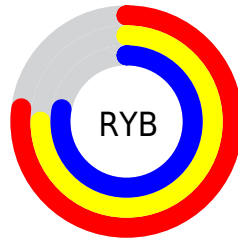
The XYZ color **51.5888, 53.0746, 60.9515** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **51.5924, 55.4887, 57.2841**, and the grayscale version is **50.8487, 53.4968, 58.2580**.

A 20% lighter version of the original color is **91.8188, 94.6242, 108.0327**, and **25.2778, 25.9414, 30.0605** is the 20% darker color. If you saturate the color by 10%, you get **46.1154, 44.2716, 59.5416**, and if you desaturate by 10%, it is **57.7046, 63.0783, 62.5609**.

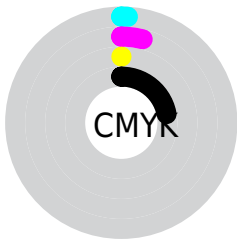
Distribution



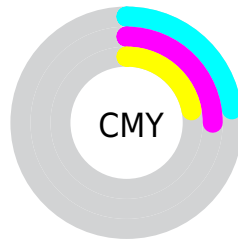
- Red (77%)
- Green (75%)
- Blue (78%)



- Red (77%)
- Yellow (75%)
- Blue (78%)



- Cyan (1%)
- Magenta (4%)
- Yellow (0%)
- Black (22%)



- Cyan (23%)
- Magenta (25%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 51.5888, 53.0746, 60.9515 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 51.5888, 53.0746, 60.9515 by changing the saturation by 10% instead.

■ 51.5888, 53.0746,
60.9515

■ 51.5888, 53.0746,
60.9515

383.1972,
398.5713, 445.9978

■ 36.9004, 37.8623,
43.7557

■ 91.7023, 94.7141,
107.7656

■ 25.3037, 25.8759,
30.1427

117.8582,
121.9102, 138.2209

■ 16.4334, 16.7308,
19.6940

148.5672,
153.8696, 173.9332

■ 9.9241, 10.0427,
11.9909

184.1947,
190.9768, 215.3210

■ 5.4106, 5.4273,
6.6150

225.1061,
233.6162, 262.8028

■ 2.5273, 2.5001,
3.1478

271.6667,

■ 0.9091, 0.8767,

282.1721, 316.7972

1.1706

324.2420,
337.0290, 377.7227

■ 0.0000, 0.0000,
0.0000

■ 51.5888, 53.0746,
60.9515

■ 51.5888, 53.0746,
60.9515

■ 46.1154, 44.2716,
59.5416

■ 57.7046, 63.0783,
62.5609

■ 41.2558, 36.6156,
58.3200

■ 64.4807, 74.3200,
64.3736

■ 36.9862, 30.0589,
57.2795

■ 71.9400, 86.8439,
66.3978

■ 33.2794, 24.5479,
56.4111

■ 75.0588, 90.6018,
66.9588

■ 30.1056, 20.0244,
55.7052

■ 76.7871, 91.4928,
67.0397

■ 27.4325, 16.4241,
55.1512

■ 78.5739, 92.4139,
67.1233

■ 25.2235, 13.6755,
54.7371

■ 80.4196, 93.3654,
67.2097

■ 23.4370, 11.6958,
54.4491

■ 82.3249, 94.3476,
67.2988

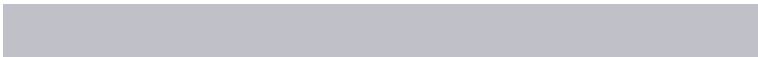
■ 22.0225, 10.3855,
54.2708

■ 84.2902, 95.3608,
67.3908

Harmonies

Analogous

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



50.8873, 53.0746, 62.2121



51.5888, 53.0746, 60.9515



51.9860, 53.0746, 58.8614

Triad

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



51.5888, 53.0746, 60.9515



50.8188, 53.0746, 53.5314



48.9542, 53.0746, 59.0590

Complementary

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



51.5888, 53.0746, 60.9515



51.5924, 55.4887, 57.2841

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.



48.9363, 53.0746, 56.7301



51.5888, 53.0746, 60.9515



50.0069, 53.0746, 53.5811

Square

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



51.5888, 53.0746, 60.9515



51.5382, 53.0746, 54.6007



49.3198, 53.0746, 54.7382



49.3689, 53.0746, 61.0995

Rectangle

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



51.5888, 53.0746, 60.9515



52.0220, 53.0746, 57.2984



49.3198, 53.0746, 54.7382



48.9018, 53.0746, 58.2828

Sweetspot

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



51.5903, 53.0769, 60.9527



93.9742, 98.2458, 108.6181



50.7731, 53.3401, 61.0465



20.1257, 21.0471, 23.2517



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.



51.5903, 53.0769, 60.9527



90.8173, 93.1150, 107.7942



51.9534, 53.2826, 60.1309



11.3591, 11.5983, 13.5575



13.9044, 6.4022, 35.2473



0.7271, 0.3386, 1.6722

Inverse Universe

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



51.5471, 53.1201, 57.9912



90.7311, 93.2035, 101.7839



51.2407, 55.2895, 58.0755



11.3469, 11.6113, 12.6851



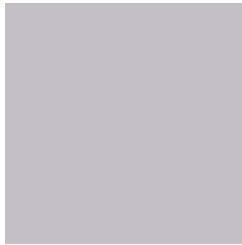
15.6513, 8.0101, 3.3738



0.7730, 0.3921, 0.3280

Previews

White Background



This preview shows how the XYZ color 51.5888, 53.0746, 60.9515 looks on a white background.

Color Contrast Check

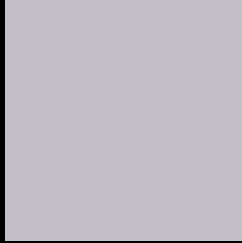
Large Text (above 18pt) WCAG AA × Fail

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 51.5888, 53.0746, 60.9515 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

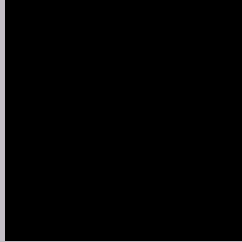
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

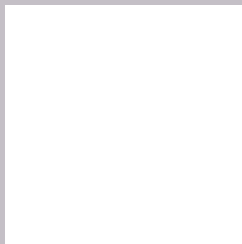
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 51.5888, 53.0746, 60.9515

Background



This preview shows how black text looks on a background with the XYZ color 51.5888, 53.0746, 60.9515.



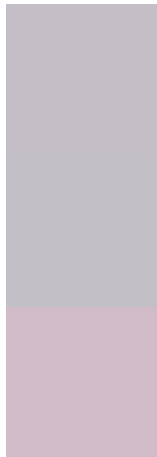
This preview shows how white text looks on a background with the XYZ color 51.5888, 53.0746,

60.9515.

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

51.5888, 53.0746, 60.9515

Protanopia

51.2908, 53.2458, 61.0002

Deuteranopia

54.0916, 53.0741, 61.4262



Tritanopia

52.4589, 53.1050, 65.2430

Trichromacy



Original Color

51.5888, 53.0746, 60.9515

Protanomaly

51.5484, 53.3786, 61.0123

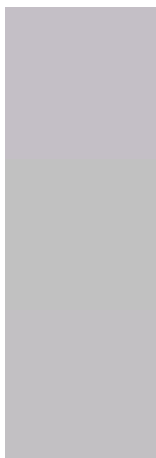
Deuteranomaly

53.1939, 52.9273, 61.4452

Tritanomaly

52.1001, 52.9615, 63.3537

Monochromacy



Original Color

51.5888, 53.0746, 60.9515

Achromatopsia

50.6879, 53.3276, 58.0738

Achromatomaly

50.9481, 53.1087, 59.1955

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.5888, 53.0746, 60.9515 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(196, 191, 198)` looks like.

```
.text, #text, p{  
    color:rgb(196, 191, 198)  
}
```

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(196, 191, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 191, 198) }
```

Border

The CSS property to change the border of an element to XYZ 51.5888, 53.0746, 60.9515 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(196, 191, 198) }
```


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

```
.border{ border-color:rgb(196, 191, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 191, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 191, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 191, 198);  
box-shadow:4px 4px 4px 4px rgb(196, 191,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 51.5888, 53.0746, 60.9515 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 191, 198) }
```

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

```
.background{ background-color: rgb(196,  
191, 198) }
```

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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