

Converting Colors

XYZ(53.8147, 55.9208, 61.4116)

Have a look what the booklet for
XYZ(53.8147, 55.9208, 61.4116)
contains.

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Color

**XYZ(53.7524, 55.8364,
61.3705)**

Conversions

Conversions Part 1

Format	Color
Hex	C8C4C6
RGB	200, 196, 198
RGB Percent	78%, 77%, 78%
CMY	0.2157, 0.2314, 0.2235
CMYK	0.00, 0.02, 0.01, 0.22
HSL	330°, 4%, 78%
HSV	330°, 2%, 78%
XYZ	53.7524, 55.8364, 61.3705
YIQ	197.4240, 1.7420, 1.4700

Conversions

Conversions Part 2

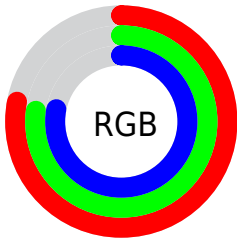
Format	Color
R _{YB}	200, 196, 198
Decimal	13157574
CIE Lab	79.52, 1.76, -0.52
CIE LCh	80, 1.830, 343.592
Yxy	55.8364, 0.3144, 0.3266
Android (android.graphics.Color)	4291347654 (0xFFC8C4C6)
YUV	197.4240, 0.2840, 2.2592
Hunter-Lab	74.7238, -2.3629, 3.6119

Details

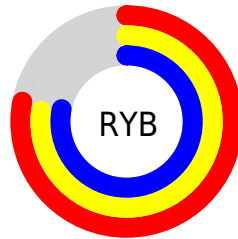
The XYZ color **53.7524, 55.8364, 61.3705** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **53.6144, 57.1231, 61.6291**, and the grayscale version is **53.3261, 56.1032, 61.0964**.

A 20% lighter version of the original color is **94.4153, 98.7306, 108.6884**, and **26.5611, 27.4706, 30.2880** is the 20% darker color. If you saturate the color by 10%, you get **48.4223, 46.9625, 54.0853**, and if you desaturate by 10%, it is **59.7633, 65.9483, 69.2605**.

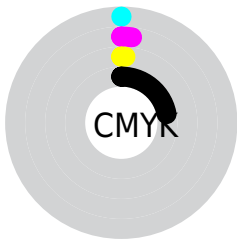
Distribution



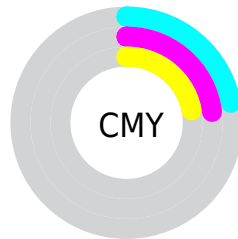
- Red (78%)
- Green (77%)
- Blue (78%)



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



- Cyan (0%)
- Magenta (2%)
- Yellow (1%)
- Black (22%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.7524, 55.8364, 61.3705 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 53.7524, 55.8364, 61.3705 by changing the saturation by 10% instead.

■ 53.7524, 55.8364,
61.3705

■ 53.7524, 55.8364,
61.3705

391.3789,
409.0747, 447.5753

■ 38.6336, 40.0718,
44.0917

■ 94.8696, 98.7653,
108.3780

■ 26.6543, 27.5945,
30.4049

121.5988,
126.6984, 138.9437

■ 17.4490, 18.0202,
19.8915

152.9288,
159.4565, 174.7756

■ 10.6524, 10.9645,
12.1329

189.2250,
197.4239, 216.2921

■ 5.8992, 6.0430,
6.7106

230.8528,
240.9850, 263.9118

■ 2.8239, 2.8712,
3.2061

278.1774,

■ 1.0614, 1.0649,

290.5242, 318.0532

1.2008

331.5644,
346.4260, 379.1348

■ 0.0000, 0.0000,
0.0000

■ 53.7524, 55.8364,
61.3705

■ 53.7524, 55.8364,
61.3705

■ 48.4223, 46.9625,
54.0853

■ 59.7633, 65.9483,
69.2605

■ 43.7433, 39.2717,
47.3856

■ 66.4740, 77.3363,
77.7664

■ 39.6901, 32.7153,
41.2564

■ 73.5872, 89.4025,
86.7968

■ 36.2343, 27.2388,
35.6804

■ 75.0178, 89.9747,
94.3299

■ 33.3450, 22.7828,
30.6394

■ 76.5301, 90.5797,
102.2937

■ 30.9882, 19.2825,
26.1140

■ 77.6298, 91.0196,
108.0847

■ 29.1265, 16.6652,
22.0830

■ 27.7167, 14.8479,
18.5232

■ 26.7078, 13.7313,
15.4085

Harmonies

Analogous

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



53.5601, 55.8364, 62.2757



53.7524, 55.8364, 61.3705



53.7615, 55.8364, 60.3214

Triad

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



53.7524, 55.8364, 61.3705



52.9047, 55.8364, 58.8481



52.5601, 55.8364, 62.2042

Complementary

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



53.7524, 55.8364, 61.3705



53.6144, 57.1231, 61.6291

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.



52.3861, 55.8364, 61.2738



53.7524, 55.8364, 61.3705



52.5845, 55.8364, 59.3406

Square

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



53.7524, 55.8364, 61.3705



53.2709, 55.8364, 58.8733



52.3950, 55.8364, 60.2258



52.8712, 55.8364, 62.7608

Rectangle

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



53.7524, 55.8364, 61.3705



53.6623, 55.8364, 59.6822



52.3950, 55.8364, 60.2258



52.4837, 55.8364, 61.9243

Sweetspot

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



53.7540, 55.8388, 61.3717



94.0371, 98.3019, 107.5521



53.4560, 55.6584, 62.5702



20.1385, 21.0585, 23.0348



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.



53.7540, 55.8388, 61.3717



93.0363, 96.6258, 106.2150



53.5251, 55.7473, 60.1666



11.7385, 12.2034, 13.4049



16.6504, 8.4097, 8.6347



0.8250, 0.4128, 0.6014

Inverse Universe

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



53.7540, 55.8388, 61.3717



93.0363, 96.6258, 106.2150



53.8463, 57.2158, 62.8502



11.7385, 12.2034, 13.4049



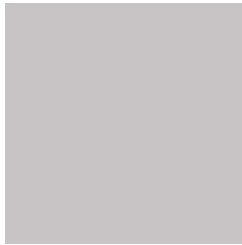
16.6504, 8.4097, 8.6347



0.8250, 0.4128, 0.6014

Previews

White Background



This preview shows how the XYZ color 53.7524, 55.8364, 61.3705 looks on a white background.

Color Contrast Check

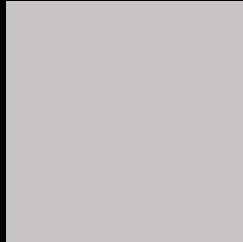
Large Text (above 18pt) WCAG AA × Fail

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 53.7524, 55.8364, 61.3705 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

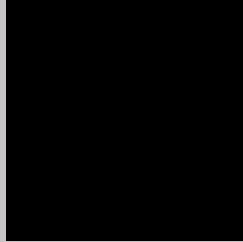
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

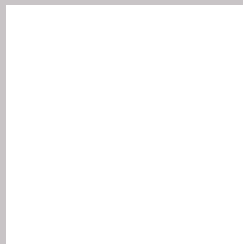
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 53.7524, 55.8364, 61.3705

Background



This preview shows how black text looks on a background with the XYZ color 53.7524, 55.8364, 61.3705.

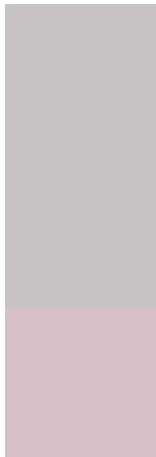


This preview shows how white text looks on a background with the XYZ color 53.7524, 55.8364,

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

53.7524, 55.8364, 61.3705

Protanopia

53.7524, 55.8364, 61.3705

Deuteranopia

56.9639, 55.8322, 61.8072



Tritanopia

55.2818, 55.7933, 68.8283

Trichromacy



Original Color

53.7524, 55.8364, 61.3705

Protanomaly

53.7524, 55.8364, 61.3705

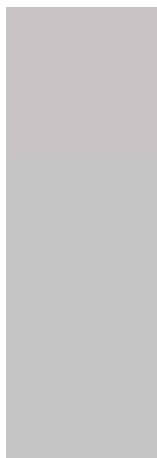
Deuteranomaly

55.9571, 55.9651, 61.8859

Tritanomaly

54.7431, 55.9040, 66.2978

Monochromacy



Original Color

53.7524, 55.8364, 61.3705

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

53.3330, 55.9695, 60.8156

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.7524, 55.8364, 61.3705 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(200, 196, 198) looks like.

```
.text, #text, p{  
    color:rgb(200, 196, 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(200, 196, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 196, 198) }
```

Border

The CSS property to change the border of an element to XYZ 53.7524, 55.8364, 61.3705 is called "border". The border property can be set on classes, ids or directly on the HTML element.

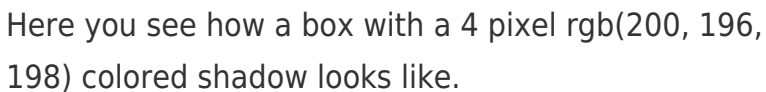
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(200, 196, 198) }
```


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

```
.border{ border-color:rgb(200, 196, 198) }
```

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



Here you see how a box with a 4 pixel `rgb(200, 196, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 196, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 196, 198);  
box-shadow:4px 4px 4px 4px rgb(200, 196,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 53.7524, 55.8364, 61.3705 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 196, 198) }
```

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

```
.background{ background-color: rgb(200,  
196, 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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