

Converting Colors

XYZ(56.0166, 65.3018, 50.6403)

Have a look what the booklet for
XYZ(56.0166, 65.3018, 50.6403)
contains.

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Color

**XYZ(55.9338, 65.1477,
50.7010)**

Conversions

Conversions Part 1

Format	Color
Hex	C5DAB0
RGB	197, 218, 176
RGB Percent	77%, 85%, 69%
CMY	0.2274, 0.1451, 0.3098
CMYK	0.10, 0.00, 0.19, 0.15
HSL	90°, 36%, 77%
HSV	90°, 19%, 85%
XYZ	55.9338, 65.1477, 50.7010
YIQ	206.9330, 0.9660, -17.5140

Conversions

Conversions Part 2

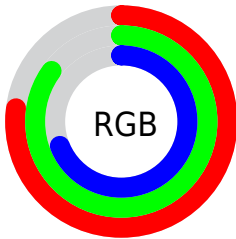
Format	Color
RYB	176, 218, 197
Decimal	12966576
CIELab	84.56, -14.45, 18.36
CIELCh	85, 23.363, 128.195
Yxy	65.1477, 0.3256, 0.3792
Android (android.graphics.Color)	4291156656 (0xFFC5DAB0)
YUV	206.9330, -15.2500, -8.7112
Hunter-Lab	80.7141, -17.5516, 19.2566

Details

The XYZ color **55.9338, 65.1477, 50.7010** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **51.2088, 47.9847, 72.8962**, and the grayscale version is **59.3612, 62.4526, 68.0109**.

A 20% lighter version of the original color is **91.1985, 98.4170, 90.5336**, and **28.0000, 33.4641, 23.7223** is the 20% darker color. If you saturate the color by 10%, you get **51.1960, 62.9368, 40.1095**, and if you desaturate by 10%, it is **61.2280, 67.6093, 63.1294**.

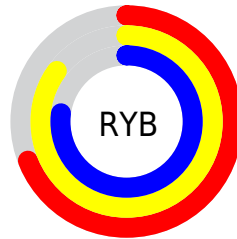
Distribution



Red (77%)

Green (85%)

Blue (69%)



Red (69%)

Yellow (85%)

Blue (77%)

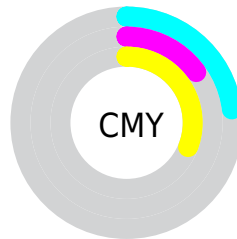


Cyan (10%)

Magenta (0%)

Yellow (19%)

Black (15%)



Cyan (23%)

Magenta (15%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.9338, 65.1477, 50.7010 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 55.9338, 65.1477, 50.7010 by changing the saturation by 10% instead.

■ 55.9338, 65.1477,
50.7010

■ 55.9338, 65.1477,
50.7010

399.5210,
443.3225, 406.2143

■ 40.3866, 47.5809,
35.5956

■ 98.0482, 112.2622,
92.6196

■ 28.0257, 33.4951,
23.8348

125.3461,
142.5786, 120.2700

■ 18.4856, 22.5060,
15.0001

157.2916,
177.9137, 152.9390

■ 11.4010, 14.2292,
8.6728

194.2501,
218.6518, 191.0454

■ 6.4065, 8.2802,
4.4345

236.5869,
265.1773, 235.0075

■ 3.1368, 4.2748,
1.8666

284.6675,

■ 1.2265, 1.8284,

317.8747, 285.2440

0.4714

338.8571,
377.1283, 342.1735

■ 0.1271, 0.5048,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.9338, 65.1477,
50.7010

■ 55.9338, 65.1477,
50.7010

■ 51.1960, 62.9368,
40.1095

■ 61.2280, 67.6093,
63.1294

■ 46.9886, 60.9592,
31.2636

■ 67.0929, 70.3214,
77.4719

■ 43.2910, 59.2084,
24.0705

■ 73.5490, 73.2948,
93.8062

■ 40.0789, 57.6741,
18.4270

■ 79.2645, 75.9972,
105.0990

■ 37.3258, 56.3451,
14.2185

■ 83.0900, 77.9693,
105.2780

■ 35.0021, 55.2091,
11.3143

■ 84.3627, 78.6255,
105.3376

■ 33.0731, 54.2514,
9.5601

■ 31.4855, 53.4503,
8.7034

■ 31.3780, 53.3959,
8.6527

Harmonies

Analogous

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



60.5046, 65.1477, 46.1695



55.9338, 65.1477, 50.7010



53.0822, 65.1477, 60.8077

Triad

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



55.9338, 65.1477, 50.7010



58.2758, 65.1477, 101.0281



72.3694, 65.1477, 66.9253

Complementary

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



55.9338, 65.1477, 50.7010



51.2088, 47.9847, 72.8962

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.



71.6901, 65.1477, 82.1281



55.9338, 65.1477, 50.7010



63.3592, 65.1477, 103.2709

Square

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



55.9338, 65.1477, 50.7010



54.3806, 65.1477, 90.1843



68.3208, 65.1477, 95.9417



70.1279, 65.1477, 54.6400

Rectangle

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



55.9338, 65.1477, 50.7010



52.4428, 65.1477, 70.0355



68.3208, 65.1477, 95.9417



72.4773, 65.1477, 71.8417

Sweetspot

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



55.9355, 65.1505, 50.7024



89.9246, 97.6311, 96.3098



56.7187, 57.9749, 49.2761



19.1321, 20.8436, 20.3341



0.0000, 0.0000, 0.0000



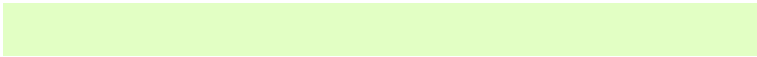
20.3446, 21.4041, 23.3091

Same Dimension

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



55.9355, 65.1505, 50.7024



77.0247, 91.6371, 66.0618



50.8143, 62.5104, 50.4627



13.5036, 14.9244, 13.8946



18.9219, 32.0521, 5.1894



1.3252, 2.1277, 0.3408

Inverse Universe

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



51.2088, 47.9847, 72.8962



69.1324, 62.9748, 103.1194



57.0962, 51.0198, 73.1717



12.9560, 12.9354, 16.4661



11.4852, 5.0450, 40.1068



0.8434, 0.3781, 2.6030

Previews

White Background



This preview shows how the XYZ color 55.9338, 65.1477, 50.7010 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 55.9338, 65.1477, 50.7010 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

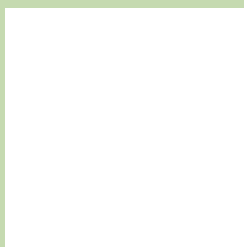
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 55.9338, 65.1477, 50.7010

Background



This preview shows how black text looks on a background with the XYZ color 55.9338, 65.1477, 50.7010.



This preview shows how white text looks on a background with the XYZ color 55.9338, 65.1477,

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

55.9338, 65.1477, 50.7010

Protanopia

60.9244, 64.7597, 48.3185

Deuteranopia

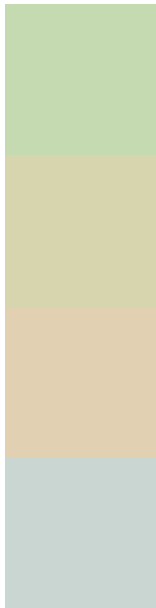
66.1106, 64.8438, 51.6795



Tritanopia

62.4747, 65.1691, 82.6849

Trichromacy



Original Color

55.9338, 65.1477, 50.7010

Protanomaly

59.0686, 64.9018, 48.9492

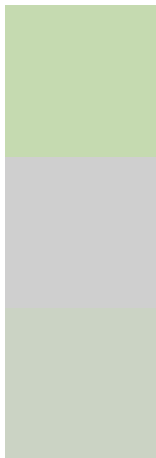
Deuteranomaly

61.9558, 64.4949, 51.3028

Tritanomaly

59.9123, 65.2531, 69.7590

Monochromacy



Original Color

55.9338, 65.1477, 50.7010

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

57.8867, 63.2706, 61.3860

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.9338, 65.1477, 50.7010 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(197, 218, 176)` looks like.

```
.text, #text, p{  
    color:rgb(197, 218, 176)  
}
```

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(197, 218, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 218, 176) }
```

Border

The CSS property to change the border of an element to XYZ 55.9338, 65.1477, 50.7010 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(197, 218, 176) }
```


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

```
.border{ border-color:rgb(197, 218, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 218, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 218, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 218, 176);  
box-shadow:4px 4px 4px 4px rgb(197, 218,  
176) }
```

Background

The CSS property to change the background color of an element to XYZ 55.9338, 65.1477, 50.7010 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 218, 176) }
```

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

```
.background{ background-color: rgb(197,  
218, 176) }
```

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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