

Converting Colors

XYZ(55.6378, 65.6128, 40.6356)

Have a look what the booklet for
XYZ(55.6378, 65.6128, 40.6356)
contains.

XYZ(55.6050, 65.5862, 40.7390)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(55.6050, 65.5862,
40.7390)**

Conversions

Conversions Part 1

Format	Color
Hex	CADB9B
RGB	202, 219, 155
RGB Percent	79%, 86%, 61%
CMY	0.2078, 0.1412, 0.3921
CMYK	0.08, 0.00, 0.29, 0.14
HSL	76°, 47%, 73%
HSV	76°, 29%, 86%
XYZ	55.6050, 65.5862, 40.7390
YIQ	206.6210, 10.4120, -23.5080

Conversions

Conversions Part 2

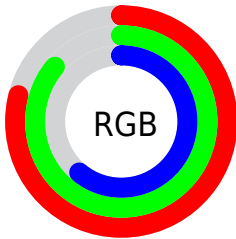
Format	Color
RYB	155, 219, 172
Decimal	13294491
CIELab	84.78, -16.24, 29.65
CIELCh	85, 33.806, 118.709
Yxy	65.5862, 0.3434, 0.4050
Android (android.graphics.Color)	4291484571 (0xFFCADB9B)
YUV	206.6210, -25.4492, -4.0526
Hunter-Lab	80.9853, -19.1651, 26.8644

Details

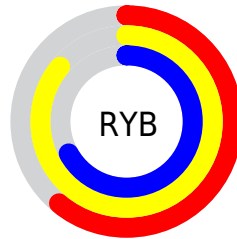
The XYZ color **55.6050, 65.5862, 40.7390** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **41.5234, 37.3296, 72.0384**, and the grayscale version is **59.2196, 62.3036, 67.8486**.

A 20% lighter version of the original color is **88.6329, 97.4331, 75.1078**, and **27.7563, 33.7332, 17.8802** is the 20% darker color. If you saturate the color by 10%, you get **52.3857, 64.1223, 31.8429**, and if you desaturate by 10%, it is **59.2206, 67.2200, 51.3976**.

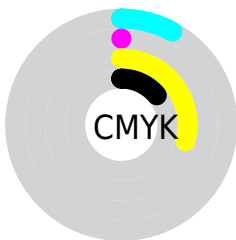
Distribution



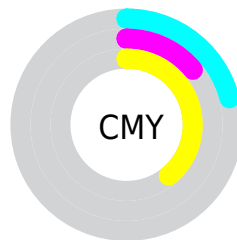
- Red (79%)
- Green (86%)
- Blue (61%)



- Red (61%)
- Yellow (86%)
- Blue (67%)



- Cyan (8%)
- Magenta (0%)
- Yellow (29%)
- Black (14%)



- Cyan (21%)
- Magenta (14%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.6050, 65.5862, 40.7390 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 55.6050, 65.5862, 40.7390 by changing the saturation by 10% instead.

■ 55.6050, 65.5862,
40.7390

■ 55.6050, 65.5862,
40.7390

398.3004,
444.8955, 364.8729

■ 40.1221, 47.9366,
27.7970

■ 97.5700, 112.8922,
77.5369

■ 27.8184, 33.7767,
17.9350

■ 124.7827,
143.3174, 102.2299

■ 18.3285, 22.7221,
10.7344

156.6361,
178.7699, 131.6770

■ 11.2872, 14.3884,
5.7766

193.4956,
219.6340, 166.2967

■ 6.3291, 8.3913,
2.6431

235.7263,
266.2943, 206.5077

■ 3.0888, 4.3463,
0.9146

283.6938,

■ 1.2009, 1.8691,

319.1350, 252.7283

0.0000

337.7634,
378.5406, 305.3772

0.1071, 0.5297,
0.0000

0.0000, 0.0000,
0.0000

55.6050, 65.5862,
40.7390

55.6050, 65.5862,
40.7390

52.3857, 64.1223,
31.8429

59.2206, 67.2200,
51.3976

49.5391, 62.8119,
24.6099

63.2449, 69.0220,
63.9023

47.0464, 61.6498,
18.9375

67.6956, 71.0016,
78.3365

44.8850, 60.6269,
14.7098

72.5882, 73.1649,
94.7774

■ 43.0291, 59.7327,
11.7950

■ 76.3684, 74.8905,
105.0380

■ 41.4484, 58.9552,
10.0374

■ 78.2790, 75.8755,
105.1274

■ 40.0943, 58.2746,
9.1837

■ 80.2527, 76.8929,
105.2198

■ 39.9941, 58.2240,
9.1304

■ 82.2900, 77.9432,
105.3151

■ 84.3914, 79.0265,
105.4135

Harmonies

Analogous

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



62.6663, 65.5862, 37.3223



55.6050, 65.5862, 40.7390



50.7100, 65.5862, 51.8780

Triad

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



55.6050, 65.5862, 40.7390



55.0803, 65.5862, 113.2785



78.0487, 65.5862, 72.3557

Complementary

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



55.6050, 65.5862, 40.7390



41.5234, 37.3296, 72.0384

Split Complementary

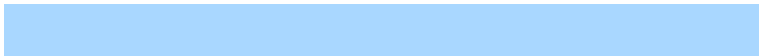
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



75.6194, 65.5862, 95.3214



55.6050, 65.5862, 40.7390



62.0103, 65.5862, 121.7115

Square

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



55.6050, 65.5862, 40.7390



50.4247, 65.5862, 93.3626



69.5931, 65.5862, 114.5609



75.9931, 65.5862, 53.2039

Rectangle

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



55.6050, 65.5862, 40.7390



49.1275, 65.5862, 63.5583



69.5931, 65.5862, 114.5609



77.7262, 65.5862, 79.8879

Sweetspot

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



55.6067, 65.5891, 40.7404



89.3647, 97.4708, 90.4849



49.6951, 46.5544, 37.3779



18.9411, 20.7794, 18.7759



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.



55.6067, 65.5891, 40.7404



75.6677, 91.3007, 49.5910



48.0447, 61.6908, 40.3865



13.8071, 15.0808, 13.9088



23.8218, 34.5781, 5.4187



1.6231, 2.2813, 0.3548

Inverse Universe

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



41.5234, 37.3296, 72.0384



52.7422, 45.2798, 100.5678



49.1384, 41.2553, 72.3948



12.6616, 12.7837, 16.4523



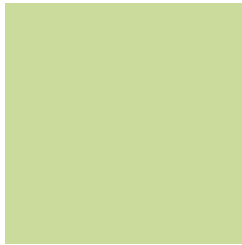
8.7115, 3.6151, 39.9770



0.6455, 0.2760, 2.5937

Previews

White Background



This preview shows how the XYZ color 55.6050, 65.5862, 40.7390 looks on a white background.

Color Contrast Check

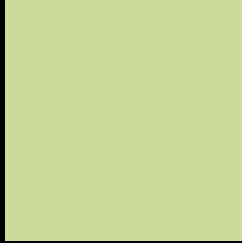
Large Text (above 18pt) WCAG AA × Fail

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 55.6050, 65.5862, 40.7390 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

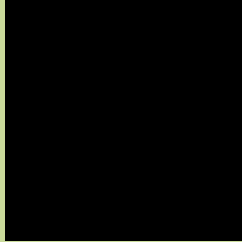
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

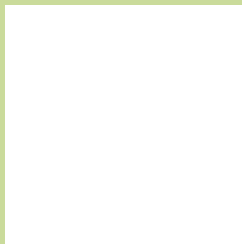
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 55.6050, 65.5862, 40.7390

Background



This preview shows how black text looks on a background with the XYZ color 55.6050, 65.5862, 40.7390.



This preview shows how white text looks on a background with the XYZ color 55.6050, 65.5862,

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

55.6050, 65.5862, 40.7390

Protanopia

60.9567, 65.3495, 39.1067

Deuteranopia

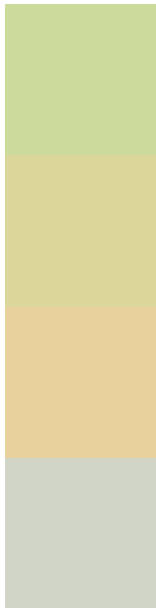
66.5944, 65.3202, 41.4459



Tritanopia

63.9254, 65.5812, 81.2407

Trichromacy



Original Color

55.6050, 65.5862, 40.7390

Protanomaly

59.0098, 65.4531, 39.6606

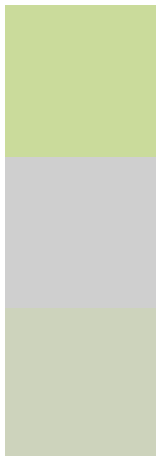
Deuteranomaly

62.1650, 65.1911, 41.2050

Tritanomaly

60.2320, 65.1685, 64.0478

Monochromacy



Original Color

55.6050, 65.5862, 40.7390

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

57.5482, 63.1985, 56.7424

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.6050, 65.5862, 40.7390 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(202, 219, 155)` looks like.

```
.text, #text, p{  
    color:rgb(202, 219, 155)  
}
```

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(202, 219, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 219, 155) }
```

Border

The CSS property to change the border of an element to XYZ 55.6050, 65.5862, 40.7390 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(202, 219, 155) }
```


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

```
.border{ border-color:rgb(202, 219, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 219, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 219, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 219, 155);  
box-shadow:4px 4px 4px 4px rgb(202, 219,  
155) }
```

Background

The CSS property to change the background color of an element to XYZ 55.6050, 65.5862, 40.7390 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 219, 155) }
```

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

```
.background{ background-color: rgb(202,  
219, 155) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor