

Converting Colors

XYZ(55.5327, 65.1724, 40.2245)

Have a look what the booklet for
XYZ(55.5327, 65.1724, 40.2245)
contains.

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Color

**XYZ(55.5327, 65.1724,
40.2245)**

Conversions

Conversions Part 1

Format	Color
Hex	CBDA9A
RGB	203, 218, 154
RGB Percent	80%, 85%, 60%
CMY	0.2039, 0.1451, 0.3961
CMYK	0.07, 0.00, 0.29, 0.15
HSL	74°, 46%, 73%
HSV	74°, 29%, 85%
XYZ	55.5327, 65.1724, 40.2245
YIQ	206.2190, 11.6040, -23.0840

Conversions

Conversions Part 2

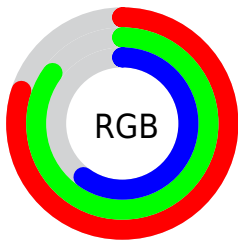
Format	Color
RYB	154, 218, 169
Decimal	13359770
CIELab	84.57, -15.50, 29.89
CIELCh	85, 33.675, 117.414
Yxy	65.1724, 0.3451, 0.4050
Android (android.graphics.Color)	4291549850 (0xFFCBDA9A)
YUV	206.2190, -25.7440, -2.8231
Hunter-Lab	80.7294, -18.4887, 26.9686

Details

The XYZ color **55.5327, 65.1724, 40.2245** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **40.5753, 36.6100, 71.2612**, and the grayscale version is **58.9625, 62.0331, 67.5541**.

A 20% lighter version of the original color is **88.5086, 97.3834, 74.4536**, and **27.7082, 33.4496, 17.5664** is the 20% darker color. If you saturate the color by 10%, you get **52.5110, 63.8078, 31.4507**, and if you desaturate by 10%, it is **58.9335, 66.6984, 50.7399**.

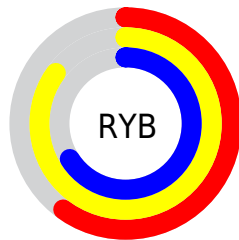
Distribution



Red (80%)

Green (85%)

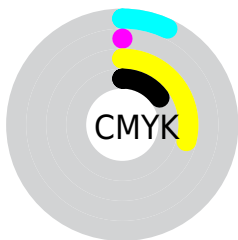
Blue (60%)



Red (60%)

Yellow (85%)

Blue (66%)

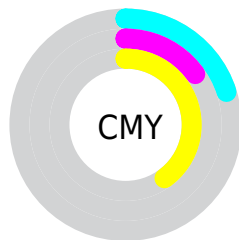


Cyan (7%)

Magenta (0%)

Yellow (29%)

Black (15%)



Cyan (20%)

Magenta (15%)

Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 55.5327, 65.1724, 40.2245 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 55.5327, 65.1724, 40.2245 by changing the saturation by 10% instead.


 55.5327, 65.1724,
40.2245


 55.5327, 65.1724,
40.2245


398.0317,
443.4112, 362.6491

 40.0639, 47.6009,
27.3985


 97.4648, 112.2977,
76.7461

 27.7728, 33.5109,
17.6377

 124.6588,
142.6202, 101.2787

 18.2940, 22.5181,
10.5234


156.4919,
177.9619, 130.5507

 11.2623, 14.2381,
5.6372

193.3295,
218.7071, 164.9805

 6.3121, 8.2865,
2.5606

235.5369,
265.2403, 204.9867

 3.0782, 4.2788,
0.8720

283.4795,

 1.1953, 1.8307,

317.9458, 250.9879

0.0000

337.5227,
377.2079, 303.4025

■ 0.1026, 0.5062,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.5327, 65.1724,
40.2245

■ 55.5327, 65.1724,
40.2245

■ 52.5110, 63.8078,
31.4507

■ 58.9335, 66.6984,
50.7399

■ 49.8450, 62.5885,
24.3203


■ 62.7252, 68.3839,
63.0799


■ 47.5164, 61.5093,
18.7316


■ 66.9254, 70.2382,
77.3268


■ 45.5030, 60.5614,
14.5700


■ 71.5490, 72.2673,
93.5571


 43.7795, 59.7345,
11.7051


 75.2941, 73.9505,
104.9132


 42.3162, 59.0168,
9.9822


 76.9450, 74.8016,
104.9904

 41.0640, 58.3885,
9.1460

 78.6442, 75.6775,
105.0700

 40.9871, 58.3497,
9.1024

 80.3922, 76.5787,
105.1518

 82.1894, 77.5052,
105.2359

Harmonies

Analogous

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



62.5980, 65.1724, 37.1549



55.5327, 65.1724, 40.2245



50.5597, 65.1724, 50.9433

Triad

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



55.5327, 65.1724, 40.2245



54.4905, 65.1724, 111.8083



77.5137, 65.1724, 72.8433

Complementary

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



55.5327, 65.1724, 40.2245



40.5753, 36.6100, 71.2612

Split Complementary

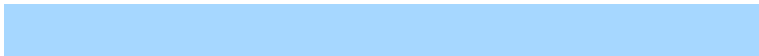
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



74.9215, 65.1724, 95.6377



55.5327, 65.1724, 40.2245



61.2954, 65.1724, 120.7940

Square

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



55.5327, 65.1724, 40.2245



49.9930, 65.1724, 91.7498



68.8316, 65.1724, 114.3530



75.6632, 65.1724, 53.5776

Rectangle

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



55.5327, 65.1724, 40.2245



48.8965, 65.1724, 62.3287



68.8316, 65.1724, 114.3530



77.1286, 65.1724, 80.3570

Sweetspot

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



55.5344, 65.1753, 40.2259



89.6207, 97.6028, 90.4969



48.9241, 45.5916, 36.7943



19.0044, 20.8121, 18.7789



0.0000, 0.0000, 0.0000



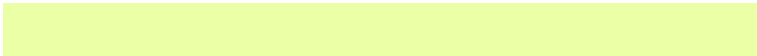
20.3446, 21.4041, 23.3091

Same Dimension

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



55.5344, 65.1753, 40.2259



76.5766, 91.7693, 49.6335



47.7155, 61.1445, 39.8600



13.8483, 15.1020, 13.9107



24.6534, 35.0068, 5.4576



1.6710, 2.3059, 0.3570

Inverse Universe

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



40.5753, 36.6100, 71.2612



52.0547, 44.9254, 100.5356



48.2822, 40.5830, 71.6219



12.6230, 12.7638, 16.4505



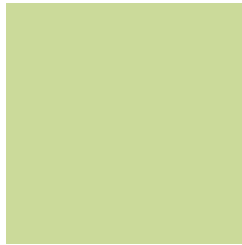
8.4823, 3.4969, 39.9663



0.6260, 0.2660, 2.5928

Previews

White Background



This preview shows how the XYZ color 55.5327, 65.1724, 40.2245 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 55.5327, 65.1724, 40.2245 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

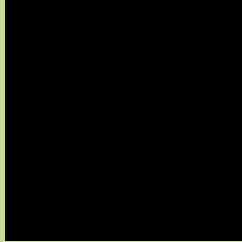
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

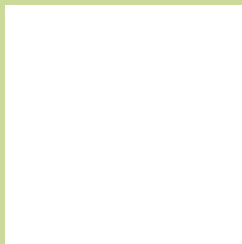
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 55.5327, 65.1724, 40.2245

Background



This preview shows how black text looks on a background with the XYZ color 55.5327, 65.1724, 40.2245.



This preview shows how white text looks on a background with the XYZ color 55.5327, 65.1724,

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

55.5327, 65.1724, 40.2245

Protanopia

60.5587, 65.1538, 38.6623

Deuteranopia

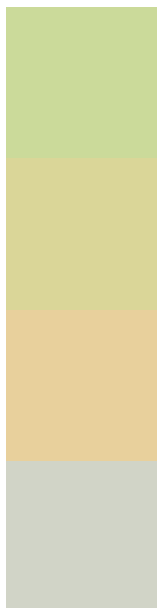
66.2733, 64.8151, 40.9159



Tritanopia

63.8316, 65.1833, 80.4515

Trichromacy



Original Color

55.5327, 65.1724, 40.2245

Protanomaly

58.6275, 65.2656, 39.2133

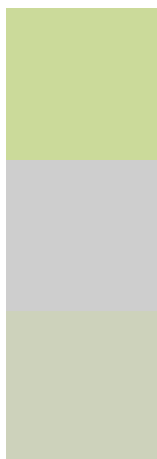
Deuteranomaly

61.8353, 64.6679, 40.6756

Tritanomaly

60.1468, 64.7658, 63.3638

Monochromacy



Original Color

55.5327, 65.1724, 40.2245

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

57.1931, 62.6602, 56.0939

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.5327, 65.1724, 40.2245 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(203, 218, 154)` looks like.

```
.text, #text, p{  
    color:rgb(203, 218, 154)  
}
```

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(203, 218, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 218, 154) }
```

Border

The CSS property to change the border of an element to XYZ 55.5327, 65.1724, 40.2245 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(203, 218, 154) }
```


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

```
.border{ border-color:rgb(203, 218, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 218, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 218, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 218, 154);  
box-shadow:4px 4px 4px 4px rgb(203, 218,  
154) }
```

Background

The CSS property to change the background color of an element to XYZ 55.5327, 65.1724, 40.2245 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 218, 154) }
```

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

```
.background{ background-color: rgb(203,  
218, 154) }
```

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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