

Converting Colors

XYZ(55.9705, 64.3809, 34.2889)

Have a look what the booklet for
XYZ(55.9705, 64.3809, 34.2889)
contains.

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Color

**XYZ(55.8980, 64.3432,
34.2843)**

Conversions

Conversions Part 1

Format	Color
Hex	D3D78C
RGB	211, 215, 140
RGB Percent	83%, 84%, 55%
CMY	0.1725, 0.1568, 0.4510
CMYK	0.02, 0.00, 0.35, 0.16
HSL	63°, 48%, 70%
HSV	63°, 35%, 84%
XYZ	55.8980, 64.3432, 34.2843
YIQ	205.2540, 21.6910, -24.1730

Conversions

Conversions Part 2

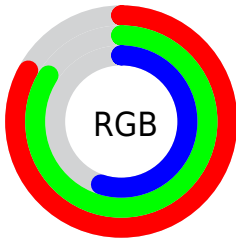
Format	Color
RYB	140, 215, 144
Decimal	13883276
CIELab	84.14, -12.74, 36.60
CIELCh	84, 38.754, 109.198
Yxy	64.3432, 0.3617, 0.4164
Android (android.graphics.Color)	4292073356 (0xFFD3D78C)
YUV	205.2540, -32.1702, 5.0392
Hunter-Lab	80.2142, -15.9855, 30.8089

Details

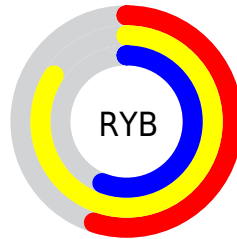
The XYZ color **55.8980, 64.3432, 34.2843** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **33.1479, 29.5934, 68.2587**, and the grayscale version is **58.3802, 61.4205, 66.8869**.

A 20% lighter version of the original color is **86.7376, 96.6750, 65.1275**, and **27.8915, 32.8314, 14.3183** is the 20% darker color. If you saturate the color by 10%, you get **54.1379, 63.6036, 26.7196**, and if you desaturate by 10%, it is **57.9735, 65.2138, 43.4832**.

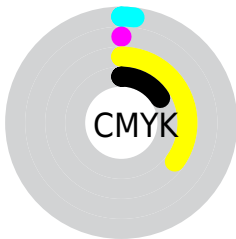
Distribution



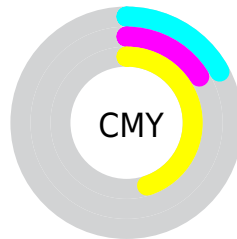
- Red (83%)
- Green (84%)
- Blue (55%)



- Red (55%)
- Yellow (84%)
- Blue (56%)



- Cyan (2%)
- Magenta (0%)
- Yellow (35%)
- Black (16%)




- Cyan (17%)
- Magenta (16%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.8980, 64.3432, 34.2843 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 55.8980, 64.3432, 34.2843 by changing the saturation by 10% instead.


 55.8980, 64.3432,
34.2843


 55.8980, 64.3432,
34.2843


399.3883,
440.4279, 336.2057


 40.3578, 46.9287,
22.8330

 97.9961, 111.1051,
67.5145

 28.0031, 32.9793,
14.2661


 125.2847,
141.2212, 90.1304

 18.4685, 22.1106,
8.1651


 157.2203,
176.3400, 117.3049

 11.3886, 13.9382,
4.1115

194.1680,
216.8459, 149.4566

 6.3980, 8.0777,
1.6867

236.4933,
263.1232, 187.0040

 3.1315, 4.1447,
0.3516

284.5615,

 1.2237, 1.7548,

315.5564, 230.3656

0.0000

338.7381,
374.5299, 279.9600

■ 0.1250, 0.4588,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.8980, 64.3432,
34.2843

■ 55.8980, 64.3432,
34.2843

■ 54.1379, 63.6036,
26.7196

■ 57.9735, 65.2138,
43.4832

■ 52.6702, 62.9789,
20.6897

■ 60.3761, 66.2133,
54.3999

■ 51.4766, 62.4641,
16.0905

■ 63.1230, 67.3507,
67.1172

■ 50.5344, 62.0502,
12.8035

■ 66.2287, 68.6319,
81.7114

■ 49.8177, 61.7267,
10.6911

■ 69.7068, 70.0624,
98.2544

■ 49.2944, 61.4809,
9.5855

■ 71.2322, 70.7121,
104.5022

■ 49.0732, 61.3738,
9.2599

■ 71.5766, 70.8896,
104.5183

■ 71.9234, 71.0684,
104.5345

■ 72.2725, 71.2484,
104.5509

Harmonies

Analogous

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



64.2955, 64.3432, 33.1860



55.8980, 64.3432, 34.2843



49.5157, 64.3432, 43.5333

Triad

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



55.8980, 64.3432, 34.2843



51.0120, 64.3432, 112.1794



78.8051, 64.3432, 79.2767

Complementary

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



55.8980, 64.3432, 34.2843



33.1479, 29.5934, 68.2587

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.



74.4917, 64.3432, 105.6264



55.8980, 64.3432, 34.2843



58.1210, 64.3432, 127.3643

Square

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



55.8980, 64.3432, 34.2843



46.8822, 64.3432, 86.7448



66.7344, 64.3432, 124.7198



78.0682, 64.3432, 55.6628

Rectangle

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



55.8980, 64.3432, 34.2843



47.0143, 64.3432, 54.6057



66.7344, 64.3432, 124.7198



77.8829, 64.3432, 88.1827

Sweetspot

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



55.8996, 64.3461, 34.2857



90.7135, 98.2077, 88.6702



42.6956, 36.2130, 29.5514



19.2951, 20.9702, 18.4184



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.



55.8996, 64.3461, 34.2857



80.2643, 93.8462, 41.8592



46.4364, 59.4676, 33.8428



13.4043, 14.4846, 13.2500



29.3792, 36.7219, 5.5396



1.7925, 2.2254, 0.3351

Inverse Universe

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



33.1479, 29.5934, 68.2587



41.8784, 35.2012, 99.1950



40.7606, 33.5179, 68.6150



11.8034, 12.0400, 15.6394



7.4506, 2.9934, 38.6383



0.4715, 0.1919, 2.3315

Previews

White Background



This preview shows how the XYZ color 55.8980, 64.3432, 34.2843 looks on a white background.

Color Contrast Check

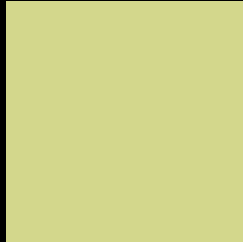
Large Text (above 18pt) WCAG AA × Fail

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 55.8980, 64.3432, 34.2843 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

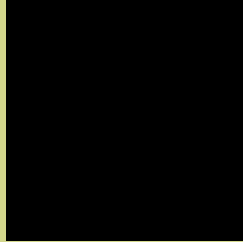
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.8980, 64.3432, 34.2843

Background



This preview shows how black text looks on a background with the XYZ color 55.8980, 64.3432, 34.2843.



This preview shows how white text looks on a background with the XYZ color 55.8980, 64.3432, 34.2843.

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

55.8980, 64.3432, 34.2843

Protanopia

59.6289, 64.4221, 33.3367

Deuteranopia

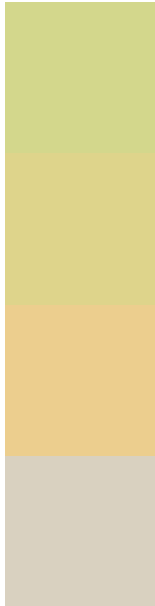
65.6282, 64.2657, 34.9321



Tritanopia

64.7013, 64.2553, 77.3990

Trichromacy



Original Color

55.8980, 64.3432, 34.2843

Protanomaly

58.3279, 64.4806, 33.7979

Deuteranomaly

61.5459, 63.9285, 34.6868

Tritanomaly

60.9302, 64.1584, 59.0416

Monochromacy



Original Color

55.8980, 64.3432, 34.2843

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

56.8731, 62.2025, 52.7248

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.8980, 64.3432, 34.2843 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(211, 215, 140)` looks like.

```
.text, #text, p{  
    color:rgb(211, 215, 140)  
}
```

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(211, 215, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 215, 140) }
```

Border

The CSS property to change the border of an element to XYZ 55.8980, 64.3432, 34.2843 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(211, 215, 140) }
```


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

```
.border{ border-color:rgb(211, 215, 140) }
```

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

Here you see how a box with a 4 pixel rgb(211, 215, 140) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 215, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 215, 140);  
box-shadow:4px 4px 4px 4px rgb(211, 215,  
140) }
```

Background

The CSS property to change the background color of an element to XYZ 55.8980, 64.3432, 34.2843 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 215, 140) }
```

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

```
.background{ background-color: rgb(211,  
215, 140) }
```

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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