

Converting Colors

XYZ(56.1059, 60.0033, 33.9477)

Have a look what the booklet for
XYZ(56.1059, 60.0033, 33.9477)
contains.

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Color

**XYZ(55.9824, 60.0071,
33.8312)**

Conversions

Conversions Part 1

Format	Color
Hex	DDCB8D
RGB	221, 203, 141
RGB Percent	87%, 80%, 55%
CMY	0.1333, 0.2039, 0.4471
CMYK	0.00, 0.08, 0.36, 0.13
HSL	47°, 54%, 71%
HSV	47°, 36%, 87%
XYZ	55.9824, 60.0071, 33.8312
YIQ	201.3140, 30.6300, -15.4660

Conversions

Conversions Part 2

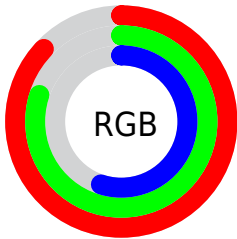
Format	Color
RYB	164, 221, 141
Decimal	14535565
CIELab	81.84, -2.61, 33.23
CIELCh	82, 33.334, 94.491
Yxy	60.0071, 0.3737, 0.4005
Android (android.graphics.Color)	4292725645 (0xFFDDCB8D)
YUV	201.3140, -29.7348, 17.2646
Hunter-Lab	77.4642, -6.5628, 28.3311

Details

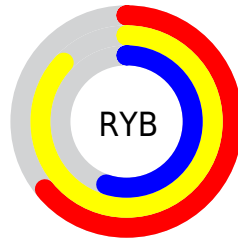
The XYZ color **55.9824, 60.0071, 33.8312** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **36.4334, 35.6783, 73.3729**, and the grayscale version is **55.8789, 58.7890, 64.0212**.

A 20% lighter version of the original color is **86.8503, 96.7201, 65.7211**, and **28.1100, 30.2324, 14.0267** is the 20% darker color. If you saturate the color by 10%, you get **53.3447, 57.1057, 25.6328**, and if you desaturate by 10%, it is **58.9890, 63.1205, 43.7727**.

Distribution



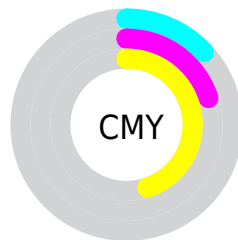
- Red (87%)
- Green (80%)
- Blue (55%)



- Red (64%)
- Yellow (87%)
- Blue (55%)



- Cyan (0%)
- Magenta (8%)
- Yellow (36%)
- Black (13%)



- Cyan (13%)
- Magenta (20%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.9824, 60.0071, 33.8312 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 55.9824, 60.0071, 33.8312 by changing the saturation by 10% instead.

■ 55.9824, 60.0071,
33.8312

■ 55.9824, 60.0071,
33.8312

399.7013,
424.6239, 334.1249

■ 40.4258, 43.4244,
22.4876

■ 98.1188, 104.8400,
66.8020

■ 28.0563, 30.2182,
14.0139

■ 125.4293,
133.8589, 89.2663

■ 18.5088, 20.0043,
7.9915

■ 157.3884,
167.7920, 116.2746

■ 11.4178, 12.3982,
4.0018

194.3615,
207.0236, 148.2454

■ 6.4179, 7.0154,
1.6263

236.7140,
251.9383, 185.5973

■ 3.1439, 3.4718,
0.3095

284.8112,

■ 1.2303, 1.3827,

302.9203, 228.7488

0.0000

339.0185,
360.3540, 278.1185

■ 0.1301, 0.2039,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.9824, 60.0071,
33.8312

■ 55.9824, 60.0071,
33.8312

■ 53.3447, 57.1057,
25.6328

■ 58.9890, 63.1205,
43.7727

■ 51.0513, 54.3996,
19.0704

■ 62.3782, 66.4457,
55.5484

■ 49.0816, 51.8821,
14.0306

■ 66.1685, 69.9926,
69.2476

■ 47.4108, 49.5427,
10.3842

■ 70.3760, 73.7682,
84.9527

■ 46.0100, 47.3693,
7.9804

■ 75.0157, 77.7791,
102.7412

■ 44.8428, 45.3467,
6.6306

■ 76.9601, 80.7747,
106.1426

■ 44.4365, 44.6076,
6.2681

■ 78.3859, 83.6264,
106.6179

■ 79.8517, 86.5580,
107.1065

■ 81.3577, 89.5701,
107.6085

Harmonies

Analogous

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



63.0596, 60.0071, 36.2443



55.9824, 60.0071, 33.8312



49.7141, 60.0071, 38.3308

Triad

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



55.9824, 60.0071, 33.8312



46.5985, 60.0071, 89.8170



70.1323, 60.0071, 83.4772

Complementary

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



55.9824, 60.0071, 33.8312



36.4334, 35.6783, 73.3729

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.



65.0414, 60.0071, 102.7428



55.9824, 60.0071, 33.8312



51.4068, 60.0071, 106.8992

Square

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



55.9824, 60.0071, 33.8312



44.5867, 60.0071, 68.4179



58.1006, 60.0071, 112.0572



71.6080, 60.0071, 62.3511

Rectangle

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



55.9824, 60.0071, 33.8312



46.7190, 60.0071, 45.3240



58.1006, 60.0071, 112.0572



68.7676, 60.0071, 90.5151

Sweetspot

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



55.9839, 60.0099, 33.8324



88.8784, 94.3636, 86.1665



45.6601, 36.9489, 37.8310



18.8712, 20.0547, 17.8936



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.



55.9839, 60.0099, 33.8324



74.7683, 80.0961, 38.4492



54.3949, 65.8695, 35.0472



13.9009, 14.7411, 13.8382



25.9022, 26.0900, 3.6707



1.7403, 1.8147, 0.2586

Inverse Universe

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



36.4334, 35.6783, 73.3729



44.1661, 42.0262, 100.3918



37.5447, 31.9873, 72.6019



12.5751, 13.0899, 16.5160



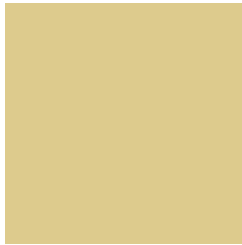
8.3072, 4.4839, 40.1660



0.6032, 0.4206, 2.6238

Previews

White Background



This preview shows how the XYZ color 55.9824, 60.0071, 33.8312 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 55.9824, 60.0071, 33.8312 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

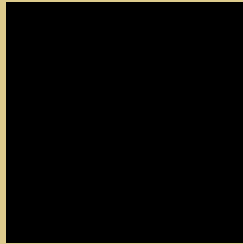
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.9824, 60.0071, 33.8312

Background



This preview shows how black text looks on a background with the XYZ color 55.9824, 60.0071, 33.8312.



This preview shows how white text looks on a background with the XYZ color 55.9824, 60.0071,

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

55.9824, 60.0071, 33.8312

Protanopia

55.6789, 59.8506, 33.8170

Deuteranopia

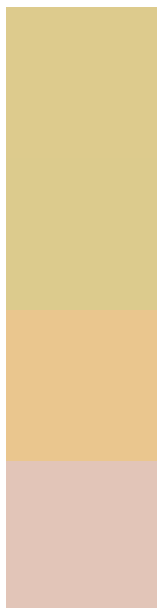
61.0910, 59.8906, 34.3268



Tritanopia

63.1135, 59.8450, 68.5464

Trichromacy



Original Color

55.9824, 60.0071, 33.8312

Protanomaly

55.6789, 59.8506, 33.8170

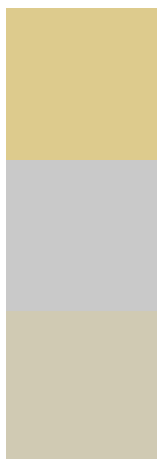
Deuteranomaly

59.0083, 59.8336, 34.0302

Tritanomaly

59.9820, 59.5619, 53.6826

Monochromacy



Original Color

55.9824, 60.0071, 33.8312

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

55.2696, 58.9056, 51.1047

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.9824, 60.0071, 33.8312 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(221, 203, 141)` looks like.

```
.text, #text, p{  
    color:rgb(221, 203, 141)  
}
```

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(221, 203, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 203, 141) }
```

Border

The CSS property to change the border of an element to XYZ 55.9824, 60.0071, 33.8312 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(221, 203, 141) }
```


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

```
.border{ border-color:rgb(221, 203, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 203, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(221, 203, 141); -webkit-box-shadow:4px 4px 4px 4px rgb(221, 203, 141); box-shadow:4px 4px 4px 4px rgb(221, 203, 141) }
```

Background

The CSS property to change the background color of an element to XYZ 55.9824, 60.0071, 33.8312 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 203, 141) }
```

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

```
.background{ background-color: rgb(221,  
203, 141) }
```

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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