

Converting Colors

XYZ(55.7321, 58.6080, 47.5292)

Have a look what the booklet for
XYZ(55.7321, 58.6080, 47.5292)
contains.

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Color

**XYZ(55.5412, 58.4332,
47.3811)**

Conversions

Conversions Part 1

Format	Color
Hex	D5C8AC
RGB	213, 200, 172
RGB Percent	84%, 78%, 67%
CMY	0.1647, 0.2157, 0.3255
CMYK	0.00, 0.06, 0.19, 0.16
HSL	41°, 33%, 75%
HSV	41°, 19%, 84%
XYZ	55.5412, 58.4332, 47.3811
YIQ	200.6950, 16.7360, -5.9520

Conversions

Conversions Part 2

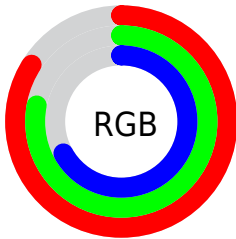
Format	Color
RYB	191, 213, 172
Decimal	14010540
CIELab	80.98, 0.01, 15.65
CIElCh	81, 15.647, 89.980
Yxy	58.4332, 0.3442, 0.3621
Android (android.graphics.Color)	4292200620 (0xFFD5C8AC)
YUV	200.6950, -14.1466, 10.7915
Hunter-Lab	76.4416, -4.0777, 16.7592

Details

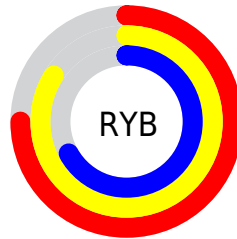
The XYZ color **55.5412, 58.4332, 47.3811** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **46.3722, 48.2715, 69.8244**, and the grayscale version is **55.4073, 58.2928, 63.4808**.

A 20% lighter version of the original color is **90.8651, 98.3261, 86.8628**, and **27.7696, 29.1829, 21.9386** is the 20% darker color. If you saturate the color by 10%, you get **52.1285, 54.6232, 36.9471**, and if you desaturate by 10%, it is **59.3540, 62.5178, 59.5675**.

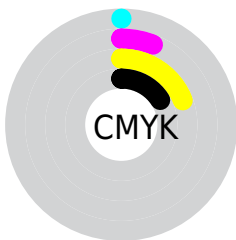
Distribution



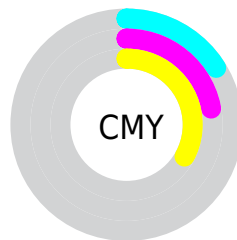
- Red (84%)
- Green (78%)
- Blue (67%)



- Red (75%)
- Yellow (84%)
- Blue (67%)



- Cyan (0%)
- Magenta (6%)
- Yellow (19%)
- Black (16%)



- Cyan (16%)
- Magenta (22%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.5412, 58.4332, 47.3811 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 55.5412, 58.4332, 47.3811 by changing the saturation by 10% instead.

■ 55.5412, 58.4332,
47.3811

■ 55.5412, 58.4332,
47.3811

398.0633,
418.7982, 392.7714

■ 40.0707, 42.1570,
32.9805

■ 97.4772, 102.5534,
87.6381

■ 27.7782, 29.2243,
21.8405

124.6734,
131.1663, 114.3317

■ 18.2981, 19.2505,
13.5426

156.5089,
164.6601, 145.9600

■ 11.2652, 11.8514,
7.6681

193.3490,
203.4193, 182.9415

■ 6.3141, 6.6426,
3.7986

235.5592,
247.8284, 225.6949

■ 3.0795, 3.2396,
1.5155

283.5047,

■ 1.1959, 1.2581,

298.2716, 274.6387

0.2295

337.5510,
355.1334, 330.1913

■ 0.1032, 0.1084,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.5412, 58.4332,
47.3811

■ 55.5412, 58.4332,
47.3811

■ 52.1285, 54.6232,
36.9471

■ 59.3540, 62.5178,
59.5675

■ 49.0949, 51.0718,
28.1793

■ 63.5776, 66.8765,
73.5795

■ 46.4239, 47.7732,
20.9900

■ 68.2281, 71.5193,
89.4906

■ 44.0964, 44.7181,
15.2817

■ 72.9628, 76.3103,
105.4915

■ 42.0908, 41.8965,
10.9459

■ 74.8459, 80.0765,
106.1193

■ 40.3829, 39.2971,
7.8595

■ 76.8022, 83.9892,
106.7714

■ 38.9440, 36.9069,
5.8766

■ 78.8326, 88.0499,
107.4482

■ 37.7275, 34.7057,
4.7564

■ 80.9377, 92.2602,
108.1499

■ 37.6406, 34.5461,
4.6842

■ 81.2507, 92.8862,
108.2542

Harmonies

Analogous

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



58.7182, 58.4332, 49.3772



55.5412, 58.4332, 47.3811



52.4804, 58.4332, 49.3719

Triad

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



55.5412, 58.4332, 47.3811



50.3098, 58.4332, 72.9733



61.1162, 58.4332, 72.9853

Complementary

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



55.5412, 58.4332, 47.3811



46.3722, 48.2715, 69.8244

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.



58.7142, 58.4332, 80.3841



55.5412, 58.4332, 47.3811



52.4767, 58.4332, 80.3768

Square

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



55.5412, 58.4332, 47.3811



49.5326, 58.4332, 63.6175



55.5368, 58.4332, 83.2097



62.0123, 58.4332, 63.6301

Rectangle

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



55.5412, 58.4332, 47.3811



50.8982, 58.4332, 52.8148



55.5368, 58.4332, 83.2097



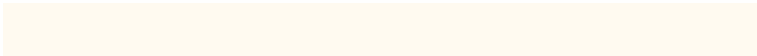
60.4536, 58.4332, 75.8153

Sweetspot

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



55.5428, 58.4358, 47.3823



91.1560, 95.9982, 95.9297



51.0212, 47.1829, 52.6876



19.4234, 20.4563, 20.2440



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.



55.5428, 58.4358, 47.3823



81.3573, 85.4887, 64.6467



56.7410, 63.7131, 48.3378



13.1255, 13.8251, 13.1374



23.0879, 21.2930, 2.8931



1.4655, 1.4301, 0.1988

Inverse Universe

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



46.3722, 48.2715, 69.8244



65.1913, 67.5731, 104.2147



45.3154, 43.8738, 69.0312



12.0607, 12.6447, 15.7425



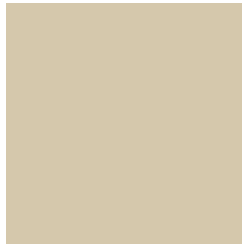
8.6627, 5.5872, 39.0750



0.5961, 0.4841, 2.3813

Previews

White Background



This preview shows how the XYZ color 55.5412, 58.4332, 47.3811 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 55.5412, 58.4332, 47.3811 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

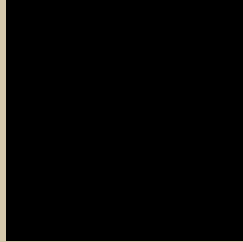
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.5412, 58.4332, 47.3811

Background



This preview shows how black text looks on a background with the XYZ color 55.5412, 58.4332, 47.3811.

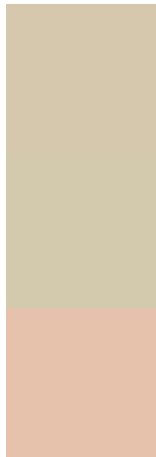


This preview shows how white text looks on a background with the XYZ color 55.5412, 58.4332,

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

55.5412, 58.4332, 47.3811

Protanopia

55.1970, 58.6007, 47.4316

Deuteranopia

59.4677, 58.4237, 47.6778



Tritanopia

60.0614, 58.5888, 69.1160

Trichromacy



Original Color

55.5412, 58.4332, 47.3811

Protanomaly

55.4844, 58.7489, 47.4451

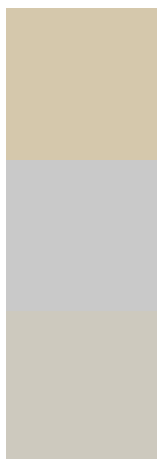
Deuteranomaly

58.0232, 58.3443, 47.7386

Tritanomaly

58.2490, 58.5170, 60.4494

Monochromacy



Original Color

55.5412, 58.4332, 47.3811

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

55.3577, 58.4701, 57.0834

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.5412, 58.4332, 47.3811 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(213, 200, 172)` looks like.

```
.text, #text, p{  
    color:rgb(213, 200, 172)  
}
```

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(213, 200, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 200, 172) }
```

Border

The CSS property to change the border of an element to XYZ 55.5412, 58.4332, 47.3811 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(213, 200, 172) }
```


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

```
.border{ border-color:rgb(213, 200, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 200, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 200, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 200, 172);  
box-shadow:4px 4px 4px 4px rgb(213, 200,  
172) }
```

Background

The CSS property to change the background color of an element to XYZ 55.5412, 58.4332, 47.3811 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 200, 172) }
```

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

```
.background{ background-color: rgb(213,  
200, 172) }
```

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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