

Converting Colors

XYZ(60.5248, 64.3901, 55.6929)

Have a look what the booklet for
XYZ(60.5248, 64.3901, 55.6929)
contains.

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Color

**XYZ(60.5248, 64.3901,
55.6929)**

Conversions

Conversions Part 1

Format	Color
Hex	D9D2BA
RGB	217, 210, 186
RGB Percent	85%, 82%, 73%
CMY	0.1490, 0.1764, 0.2706
CMYK	0.00, 0.03, 0.14, 0.15
HSL	46°, 29%, 79%
HSV	46°, 14%, 85%
XYZ	60.5248, 64.3901, 55.6929
YIQ	209.3570, 11.8760, -5.9800

Conversions

Conversions Part 2

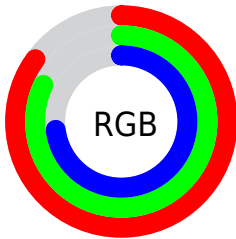
Format	Color
RYB	195, 217, 186
Decimal	14275258
CIELab	84.17, -1.60, 12.76
CIELCh	84, 12.856, 97.130
Yxy	64.3901, 0.3351, 0.3565
Android (android.graphics.Color)	4292465338 (0xFFD9D2BA)
YUV	209.3570, -11.5150, 6.7029
Hunter-Lab	80.2434, -5.7898, 15.0202

Details

The XYZ color **60.5248, 64.3901, 55.6929** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **51.8439, 53.5877, 73.2572**, and the grayscale version is **60.9064, 64.0783, 69.7812**.

A 20% lighter version of the original color is **93.0270, 99.1908, 98.2471**, and **31.0224, 33.1518, 26.9542** is the 20% darker color. If you saturate the color by 10%, you get **57.2009, 61.1577, 44.0547**, and if you desaturate by 10%, it is **64.2396, 67.8424, 69.1914**.

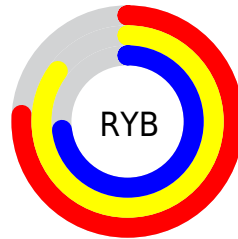
Distribution



Red (85%)

Green (82%)

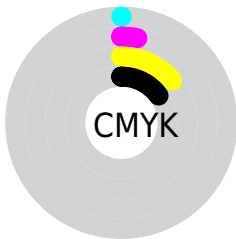
Blue (73%)



Red (76%)

Yellow (85%)

Blue (73%)

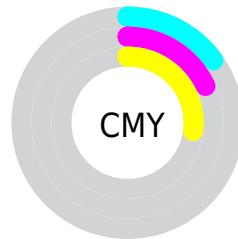


Cyan (0%)

Magenta (3%)

Yellow (14%)

Black (15%)



Cyan (15%)

Magenta (18%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.5248, 64.3901, 55.6929 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 60.5248, 64.3901, 55.6929 by changing the saturation by 10% instead.

■ 60.5248, 64.3901,
55.6929

■ 60.5248, 64.3901,
55.6929

416.3333,
440.5970, 425.8889

■ 44.0929, 46.9667,
39.5544

■ 104.6926,
111.1726, 100.0367

■ 30.9417, 33.0093,
26.8802

133.1592,
141.3004, 129.0792

■ 20.7061, 22.1336,
17.2516

166.3680,
176.4319, 163.2600

■ 13.0206, 13.9551,
10.2502

204.6844,
216.9513, 202.9977

■ 7.5198, 8.0894,
5.4574

248.4738,
263.2432, 248.7110

■ 3.8385, 4.1522,
2.4547

298.1015,

■ 1.6112, 1.7591,

315.6918, 300.8182

0.8160

353.9329,
374.6816, 359.7380

■ 0.3997, 0.4615,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 60.5248, 64.3901,
55.6929

■ 60.5248, 64.3901,
55.6929

■ 57.2009, 61.1577,
44.0547

■ 64.2396, 67.8424,
69.1914

■ 54.2466, 58.1296,
34.1896

■ 68.3551, 71.5125,
84.6238

■ 51.6464, 55.3013,
26.0096

■ 72.8873, 75.4095,
102.0649

■ 49.3814, 52.6648,
19.4175

■ 74.8492, 78.3392,
105.7837

■ 47.4310, 50.2111,
14.3062

■ 76.2280, 81.0968,
106.2433

■ 45.7720, 47.9305,
10.5550

■ 77.6453, 83.9315,
106.7158

■ 44.3776, 45.8117,
8.0246

■ 79.1016, 86.8440,
107.2012

■ 43.2152, 43.8412,
6.5453

■ 80.5970, 89.8348,
107.6997

■ 42.6240, 42.7689,
6.0087

■ 82.1319, 92.9046,
108.2113

Harmonies

Analogous

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



63.3503, 64.3901, 56.6502



60.5248, 64.3901, 55.6929



57.9597, 64.3901, 58.3529

Triad

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



60.5248, 64.3901, 55.6929



56.9448, 64.3901, 79.9921



66.3777, 64.3901, 76.3728

Complementary

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



60.5248, 64.3901, 55.6929



51.8439, 53.5877, 73.2572

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.



64.5606, 64.3901, 83.3486



60.5248, 64.3901, 55.6929



59.1006, 64.3901, 85.5485

Square

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



60.5248, 64.3901, 55.6929



55.9347, 64.3901, 72.0712



61.8819, 64.3901, 86.8221



66.7876, 64.3901, 68.1844

Rectangle

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



60.5248, 64.3901, 55.6929



56.7229, 64.3901, 61.9507



61.8819, 64.3901, 86.8221



65.9085, 64.3901, 78.9557

Sweetspot

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



60.5265, 64.3929, 55.6943



92.7210, 97.9005, 100.2360



55.8266, 53.7311, 58.0182



19.7546, 20.8715, 21.1168



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.



60.5265, 64.3929, 55.6943



85.7978, 91.4324, 75.1823



59.8955, 66.6879, 56.1705



13.9001, 14.7395, 13.8380



25.8847, 26.0549, 3.6648



1.7393, 1.8127, 0.2582

Inverse Universe

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



51.8439, 53.5877, 73.2572



71.0714, 73.1066, 104.9729



52.4007, 51.6331, 72.8505



12.5759, 13.0915, 16.5162



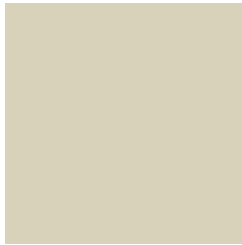
8.3114, 4.4922, 40.1674



0.6036, 0.4213, 2.6240

Previews

White Background



This preview shows how the XYZ color 60.5248, 64.3901, 55.6929 looks on a white background.

Color Contrast Check

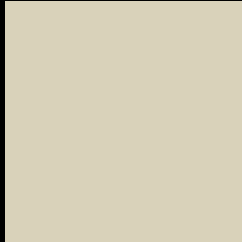
Large Text (above 18pt) WCAG AA × Fail

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 60.5248, 64.3901, 55.6929 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

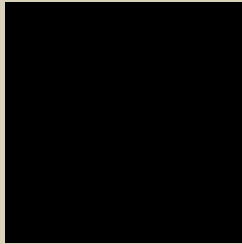
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

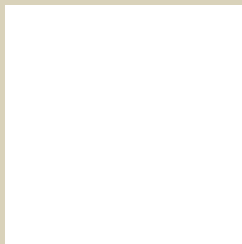
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 60.5248, 64.3901, 55.6929

Background



This preview shows how black text looks on a background with the XYZ color 60.5248, 64.3901, 55.6929.

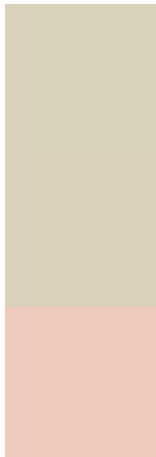


This preview shows how white text looks on a background with the XYZ color 60.5248, 64.3901,

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

60.5248, 64.3901, 55.6929

Protanopia

60.8768, 64.2062, 55.6389

Deuteranopia

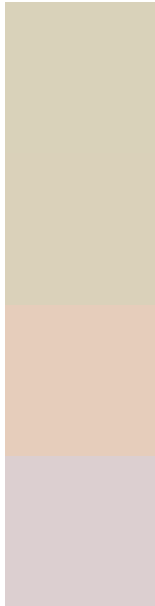
65.4575, 64.0490, 56.4897



Tritanopia

65.0067, 64.4127, 77.4133

Trichromacy



Original Color

60.5248, 64.3901, 55.6929

Protanomaly

60.5768, 64.0515, 55.6248

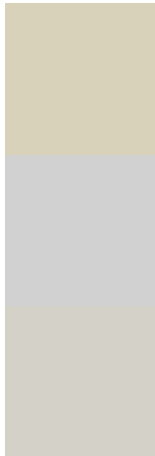
Deuteranomaly

63.4341, 64.0735, 56.0378

Tritanomaly

63.2132, 64.3954, 68.7724

Monochromacy



Original Color

60.5248, 64.3901, 55.6929

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

60.4945, 63.8150, 64.3875

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.5248, 64.3901, 55.6929 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(217, 210, 186) looks like.

```
.text, #text, p{  
    color:rgb(217, 210, 186)  
}
```

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(217, 210, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 210, 186) }
```

Border

The CSS property to change the border of an element to XYZ 60.5248, 64.3901, 55.6929 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(217, 210, 186) }
```


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

```
.border{ border-color:rgb(217, 210, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 210, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 210, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 210, 186);  
box-shadow:4px 4px 4px 4px rgb(217, 210,  
186) }
```

Background

The CSS property to change the background color of an element to XYZ 60.5248, 64.3901, 55.6929 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 210, 186) }
```

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

```
.background{ background-color: rgb(217,  
210, 186) }
```

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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