

Converting Colors

XYZ(62.4012, 66.7158, 59.2974)

Have a look what the booklet for
XYZ(62.4012, 66.7158, 59.2974)
contains.

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Color

**XYZ(62.4744, 66.8043,
59.4709)**

Conversions

Conversions Part 1

Format	Color
Hex	DAD6C0
RGB	218, 214, 192
RGB Percent	85%, 84%, 75%
CMY	0.1451, 0.1608, 0.2471
CMYK	0.00, 0.02, 0.12, 0.15
HSL	51°, 26%, 80%
HSV	51°, 12%, 85%
XYZ	62.4744, 66.8043, 59.4709
YIQ	212.6880, 9.4460, -5.9940

Conversions

Conversions Part 2

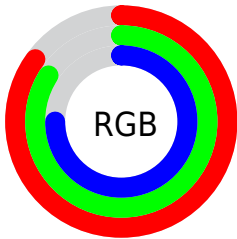
Format	Color
RYB	197, 218, 192
Decimal	14341824
CIELab	85.41, -2.36, 11.35
CIELCh	85, 11.593, 101.724
Yxy	66.8043, 0.3310, 0.3539
Android (android.graphics.Color)	4292531904 (0xFFDAD6C0)
YUV	212.6880, -10.1992, 4.6586
Hunter-Lab	81.7339, -6.5955, 14.0734

Details

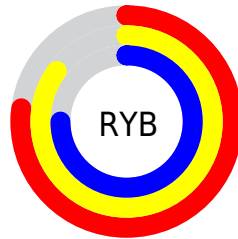
The XYZ color **62.4744, 66.8043, 59.4709** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **54.1329, 55.7472, 74.2374**, and the grayscale version is **63.1005, 66.3866, 72.2950**.

A 20% lighter version of the original color is **93.9433, 99.5573, 103.0721**, and **32.1626, 34.4469, 29.3799** is the 20% darker color. If you saturate the color by 10%, you get **59.3972, 64.2328, 47.3978**, and if you desaturate by 10%, it is **65.9306, 69.5596, 73.4371**.

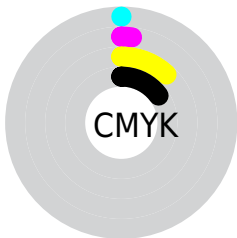
Distribution



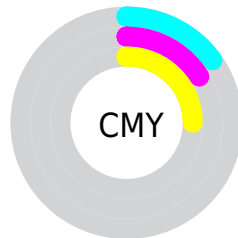
- Red (85%)
- Green (84%)
- Blue (75%)



- Red (77%)
- Yellow (85%)
- Blue (75%)



- Cyan (0%)
- Magenta (2%)
- Yellow (12%)
- Black (15%)



- Cyan (15%)
- Magenta (16%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.4744, 66.8043, 59.4709 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 62.4744, 66.8043, 59.4709 by changing the saturation by 10% instead.

■ 62.4744, 66.8043,
59.4709

■ 62.4744, 66.8043,
59.4709

423.3495,
449.2479, 440.3951

■ 45.6732, 48.9256,
42.5698

■ 107.4970,
114.6399, 105.5976

■ 32.1915, 34.5605,
29.2188

136.4490,
145.3657, 135.6603

■ 21.6641, 23.3245,
18.9994

170.1820,
181.1426, 170.9473

■ 13.7255, 14.8333,
11.4930

209.0614,
222.3550, 211.8770

■ 8.0104, 8.7025,
6.2812

253.4525,
269.3873, 258.8682

■ 4.1535, 4.5476,
2.9453

303.7206,

■ 1.7893, 1.9844,

322.6240, 312.3392

1.0667

360.2312,
382.4494, 372.7087

■ 0.5112, 0.5984,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 62.4744, 66.8043,
59.4709

■ 62.4744, 66.8043,
59.4709

■ 59.3972, 64.2328,
47.3978

■ 65.9306, 69.5596,
73.4371

■ 56.6776, 61.8300,
37.1310

■ 69.7750, 72.4962,
89.3695

■ 54.3007, 59.5918,
28.5831

■ 73.6343, 75.4669,
105.2934

■ 52.2479, 57.5106,
21.6580

■ 74.5439, 77.2861,
105.5966

■ 50.4992, 55.5783,
16.2500

■ 75.4714, 79.1410,
105.9057

■ 49.0319, 53.7857,
12.2407

■ 76.4168, 81.0317,
106.2208

■ 47.8203, 52.1222,
9.4947

■ 77.3802, 82.9586,
106.5420

■ 46.8333, 50.5752,
7.8489

■ 78.3618, 84.9217,
106.8692

■ 46.1581, 49.3943,
7.1013

■ 79.3616, 86.9213,
107.2024

Harmonies

Analogous

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



65.0931, 66.8043, 59.8459



62.4744, 66.8043, 59.4709



60.1920, 66.8043, 62.4648

Triad

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



62.4744, 66.8043, 59.4709



59.7988, 66.8043, 82.7997



68.4148, 66.8043, 77.3711

Complementary

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



62.4744, 66.8043, 59.4709



54.1329, 55.7472, 74.2374

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.



66.9177, 66.8043, 84.0812



62.4744, 66.8043, 59.4709



61.9242, 66.8043, 87.3613

Square

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



62.4744, 66.8043, 59.4709



58.6759, 66.8043, 75.7184



64.5276, 66.8043, 87.8458



68.5720, 66.8043, 69.8378

Rectangle

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



62.4744, 66.8043, 59.4709



59.1492, 66.8043, 66.0971



64.5276, 66.8043, 87.8458



68.0497, 66.8043, 79.8105

Sweetspot

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



62.4762, 66.8072, 59.4723



92.9529, 98.3643, 100.3133



57.7656, 56.6063, 60.3061



19.8135, 20.9892, 21.1364



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.



62.4762, 66.8072, 59.4723



88.1004, 94.4597, 80.8142



60.9754, 67.5532, 59.6954



13.9829, 14.9052, 13.8656



27.7174, 29.7205, 4.2758



1.8427, 2.0195, 0.2927

Inverse Universe

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



54.1329, 55.7472, 74.2374



74.2212, 76.0616, 105.3772



55.5032, 55.1335, 74.0467



12.4994, 12.9386, 16.4907



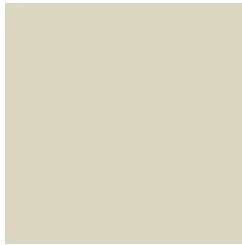
7.9655, 3.8004, 40.0521



0.5677, 0.3496, 2.6120

Previews

White Background



This preview shows how the XYZ color 62.4744, 66.8043, 59.4709 looks on a white background.

Color Contrast Check

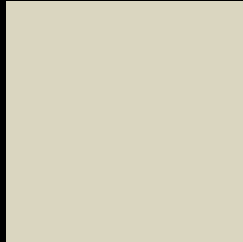
Large Text (above 18pt) WCAG AA × Fail

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 62.4744, 66.8043, 59.4709 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

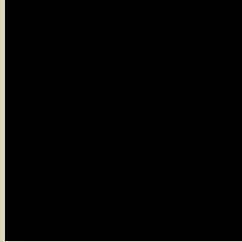
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

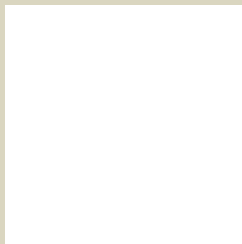
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 62.4744, 66.8043, 59.4709

Background



This preview shows how black text looks on a background with the XYZ color 62.4744, 66.8043, 59.4709.



This preview shows how white text looks on a background with the XYZ color 62.4744, 66.8043,

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

62.4744, 66.8043, 59.4709

Protanopia

63.3224, 66.8797, 58.8618

Deuteranopia

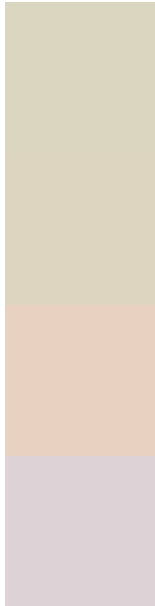
68.0845, 66.7384, 60.3323



Tritanopia

66.9594, 66.7799, 81.3122

Trichromacy



Original Color

62.4744, 66.8043, 59.4709

Protanomaly

63.0170, 66.7222, 58.8475

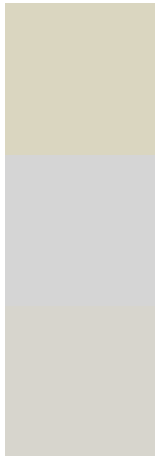
Deuteranomaly

66.0304, 66.7748, 59.8607

Tritanomaly

65.2507, 66.8157, 73.0760

Monochromacy



Original Color

62.4744, 66.8043, 59.4709

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

62.8380, 66.4434, 67.2705

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.4744, 66.8043, 59.4709 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(218, 214, 192) looks like.

```
.text, #text, p{  
    color:rgb(218, 214, 192)  
}
```

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(218, 214, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 214, 192) }
```

Border

The CSS property to change the border of an element to XYZ 62.4744, 66.8043, 59.4709 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(218, 214, 192) }
```


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

```
.border{ border-color:rgb(218, 214, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 214, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 214, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 214, 192);  
box-shadow:4px 4px 4px 4px rgb(218, 214,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 62.4744, 66.8043, 59.4709 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 214, 192) }
```

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

```
.background{ background-color: rgb(218,  
214, 192) }
```

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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