

Converting Colors

XYZ(62.7849, 65.8366, 54.2675)

Have a look what the booklet for
XYZ(62.7849, 65.8366, 54.2675)
contains.

XYZ(62.8928, 66.0150, 54.2271)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(62.8928, 66.0150,
54.2271)**

Conversions

Conversions Part 1

Format	Color
Hex	E1D3B7
RGB	225, 211, 183
RGB Percent	88%, 83%, 72%
CMY	0.1176, 0.1725, 0.2823
CMYK	0.00, 0.06, 0.19, 0.12
HSL	40°, 41%, 80%
HSV	40°, 19%, 88%
XYZ	62.8928, 66.0150, 54.2271
YIQ	211.9940, 17.3320, -5.7400

Conversions

Conversions Part 2

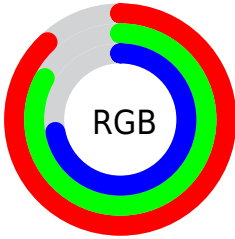
Format	Color
R _Y B	204, 225, 183
Decimal	14799799
CIE Lab	85.00, 0.34, 15.61
CIE LCh	85, 15.617, 88.749
Yxy	66.0150, 0.3434, 0.3605
Android (android.graphics.Color)	4292989879 (0xFFE1D3B7)
YUV	211.9940, -14.2940, 11.4063
Hunter-Lab	81.2496, -4.0155, 17.3038

Details

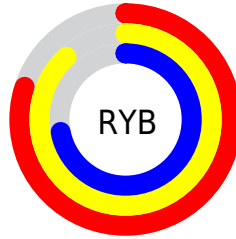
The XYZ color **62.8928, 66.0150, 54.2271** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **53.0849, 55.4346, 79.1365**, and the grayscale version is **62.6607, 65.9240, 71.7912**.

A 20% lighter version of the original color is **92.5800, 99.0120, 95.8931**, and **32.4484, 34.1607, 26.0025** is the 20% darker color. If you saturate the color by 10%, you get **58.9168, 61.5156, 42.2567**, and if you desaturate by 10%, it is **67.3337, 70.8438, 68.2010**.

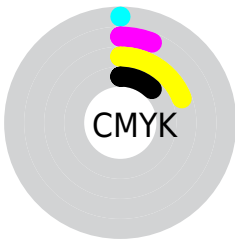
Distribution



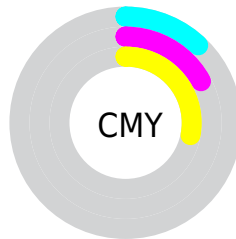
- Red (88%)
- Green (83%)
- Blue (72%)



- Red (80%)
- Yellow (88%)
- Blue (72%)



- Cyan (0%)
- Magenta (6%)
- Yellow (19%)
- Black (12%)



- Cyan (12%)
- Magenta (17%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.8928, 66.0150, 54.2271 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 62.8928, 66.0150, 54.2271 by changing the saturation by 10% instead.

■ 62.8928, 66.0150,
54.2271

■ 62.8928, 66.0150,
54.2271

424.8462,
446.4305, 420.1745

■ 46.0128, 48.2846,
38.3888

■ 108.0975,
113.5079, 97.8674

■ 32.4606, 34.0523,
25.9804

137.1530,
144.0391, 126.5065

■ 21.8708, 22.9338,
16.5834

170.9976,
179.6060, 160.2496

■ 13.8781, 14.5446,
9.7791

209.9968,
220.5931, 199.5153

■ 8.1170, 8.5004,
5.1491

254.5159,
267.3847, 244.7221

■ 4.2224, 4.4168,
2.2747

304.9203,

■ 1.8287, 1.9093,

320.3652, 296.2885

0.7170

361.5752,
379.9190, 354.6331

■ 0.5349, 0.5540,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 62.8928, 66.0150,
54.2271

■ 62.8928, 66.0150,
54.2271

■ 58.9168, 61.5156,
42.2567

■ 67.3337, 70.8438,
68.2010

■ 55.3814, 57.3274,
32.1917

■ 72.2518, 76.0021,
84.2619

■ 52.2680, 53.4432,
23.9321

■ 77.6657, 81.5014,
102.4935

■ 49.5545, 49.8523,
17.3669

■ 80.5554, 86.1354,
106.9878

■ 47.2161, 46.5426,
12.3728

■ 82.8205, 90.6658,
107.7429

■ 45.2251, 43.5012,
8.8094

■ 84.8615, 94.7476,
108.4232

■ 43.5488, 40.7128,
6.5114

■ 42.1388, 38.1560,
5.2301

■ 41.9620, 37.8287,
5.0900

Harmonies

Analogous

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



66.3139, 66.0150, 56.5819



62.8928, 66.0150, 54.2271



59.5533, 66.0150, 56.2227

Triad

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



62.8928, 66.0150, 54.2271



57.0095, 66.0150, 81.5873



68.6967, 66.0150, 82.3855

Complementary

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



62.8928, 66.0150, 54.2271



53.0849, 55.4346, 79.1365

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.



66.0493, 66.0150, 90.2016



62.8928, 66.0150, 54.2271



59.3070, 66.0150, 89.7113

Square

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



62.8928, 66.0150, 54.2271



56.2337, 66.0150, 71.4578



62.5980, 66.0150, 92.9980



69.7410, 66.0150, 72.3021

Rectangle

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



62.8928, 66.0150, 54.2271



57.8043, 66.0150, 59.8674



62.5980, 66.0150, 92.9980



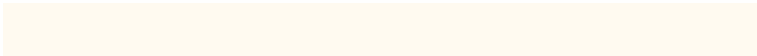
67.9600, 66.0150, 85.3987

Sweetspot

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



62.8946, 66.0179, 54.2285



91.0787, 95.8436, 95.9039



58.0635, 53.9066, 60.1688



19.4051, 20.4197, 20.2379



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.



62.8946, 66.0179, 54.2285



81.6210, 85.5464, 66.1822



64.3864, 72.1751, 55.3383



14.4669, 15.2198, 14.4820



24.2919, 22.0217, 2.9703



1.7650, 1.6889, 0.2330

Inverse Universe

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



53.0849, 55.4346, 79.1365



66.5428, 69.2807, 104.4731



51.7601, 50.2513, 78.2059



13.3233, 13.9858, 17.3850



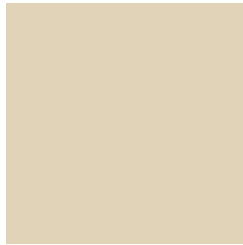
9.3765, 6.2226, 41.7552



0.7303, 0.5920, 2.9210

Previews

White Background



This preview shows how the XYZ color 62.8928, 66.0150, 54.2271 looks on a white background.

Color Contrast Check

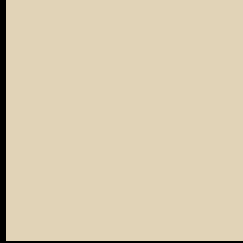
Large Text (above 18pt) WCAG AA × Fail

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 62.8928, 66.0150, 54.2271 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

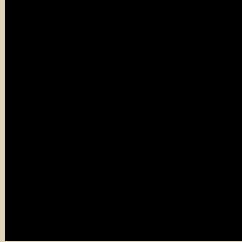
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 62.8928, 66.0150, 54.2271

Background



This preview shows how black text looks on a background with the XYZ color 62.8928, 66.0150, 54.2271.

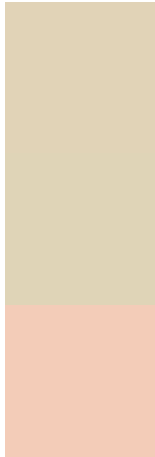


This preview shows how white text looks on a background with the XYZ color 62.8928, 66.0150,

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

62.8928, 66.0150, 54.2271

Protanopia

62.5222, 66.1938, 54.2812

Deuteranopia

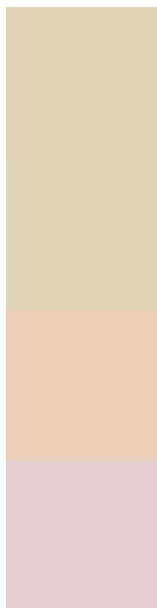
67.2067, 65.7011, 54.4868



Tritanopia

67.6493, 65.7596, 78.2346

Trichromacy



Original Color

62.8928, 66.0150, 54.2271

Protanomaly

62.8312, 66.3532, 54.2956

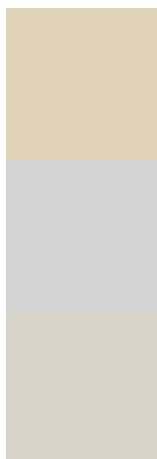
Deuteranomaly

65.5566, 65.9192, 54.6159

Tritanomaly

65.6929, 65.6737, 68.8884

Monochromacy



Original Color

62.8928, 66.0150, 54.2271

Achromatopsia

62.5785, 65.8375, 71.6970

Achromatomaly

62.7014, 66.0557, 64.7037

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.8928, 66.0150, 54.2271 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(225, 211, 183)` looks like.

```
.text, #text, p{  
    color:rgb(225, 211, 183)  
}
```

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(225, 211, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 211, 183) }
```

Border

The CSS property to change the border of an element to XYZ 62.8928, 66.0150, 54.2271 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(225, 211, 183) }
```


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

```
.border{ border-color:rgb(225, 211, 183) }
```

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

Here you see how a box with a 4 pixel rgb(225, 211, 183) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 211, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 211, 183);  
box-shadow:4px 4px 4px 4px rgb(225, 211,  
183) }
```

Background

The CSS property to change the background color of an element to XYZ 62.8928, 66.0150, 54.2271 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 211, 183) }
```

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

```
.background{ background-color: rgb(225,  
211, 183) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor