

Converting Colors

XYZ(62.6838, 66.4557, 61.9058)

Have a look what the booklet for
XYZ(62.6838, 66.4557, 61.9058)
contains.

XYZ(62.6715, 66.4794, 61.7532)	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(62.6715, 66.4794,
61.7532)**

Conversions

Conversions Part 1

Format	Color
Hex	DAD5C4
RGB	218, 213, 196
RGB Percent	85%, 84%, 77%
CMY	0.1451, 0.1647, 0.2314
CMYK	0.00, 0.02, 0.10, 0.15
HSL	46°, 23%, 81%
HSV	46°, 10%, 85%
XYZ	62.6715, 66.4794, 61.7532
YIQ	212.5570, 8.4370, -4.2270

Conversions

Conversions Part 2

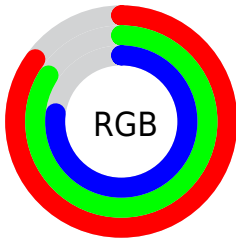
Format	Color
R _Y B	202, 218, 196
Decimal	14341572
CIE Lab	85.24, -1.19, 9.00
CIE LCh	85, 9.080, 97.525
Yxy	66.4794, 0.3283, 0.3482
Android (android.graphics.Color)	4292531652 (0xFFDAD5C4)
YUV	212.5570, -8.1626, 4.7735
Hunter-Lab	81.5349, -5.4827, 12.1692

Details

The XYZ color **62.6715, 66.4794, 61.7532** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.3064, 58.5701, 74.6679**, and the grayscale version is **63.0004, 66.2813, 72.1803**.

A 20% lighter version of the original color is **94.7296, 99.8718, 107.2129**, and **32.2136, 34.1932, 30.4933** is the 20% darker color. If you saturate the color by 10%, you get **59.1426, 63.1078, 49.2113**, and if you desaturate by 10%, it is **66.6027, 70.0771, 76.2096**.

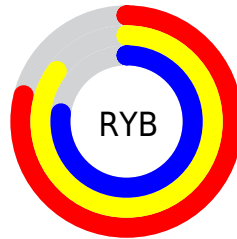
Distribution



Red (85%)

Green (84%)

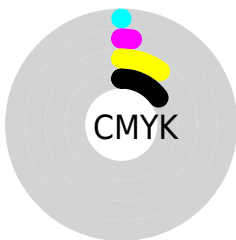
Blue (77%)



Red (79%)

Yellow (85%)

Blue (77%)

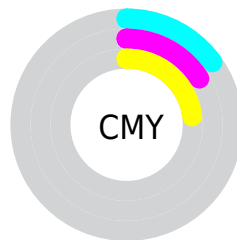


Cyan (0%)

Magenta (2%)

Yellow (10%)

Black (15%)



Cyan (15%)

Magenta (16%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.6715, 66.4794, 61.7532 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 62.6715, 66.4794, 61.7532 by changing the saturation by 10% instead.

■ 62.6715, 66.4794,
61.7532

■ 62.6715, 66.4794,
61.7532

424.0549,
448.0894, 449.0131

■ 45.8332, 48.6617,
44.3988

107.7799,
114.1741, 108.9369

■ 32.3182, 34.3512,
30.6447

136.7807,
144.8199, 139.6033

■ 21.7614, 23.1635,
20.0722

170.5664,
180.5105, 175.5441

■ 13.7973, 14.7143,
12.2630

209.5022,
221.6303, 217.1778

■ 8.0606, 8.6191,
6.7983

253.9537,
268.5637, 264.9230

■ 4.1859, 4.4936,
3.2598

304.2860,

■ 1.8078, 1.9533,

321.6951, 319.1983

1.2288

360.8647,
381.4089, 380.4221

■ 0.5224, 0.5801,
0.0023

■ 0.0000, 0.0000,
0.0000

■ 62.6715, 66.4794,
61.7532

■ 62.6715, 66.4794,
61.7532

■ 59.1426, 63.1078,
49.2113

■ 66.6027, 70.0771,
76.2096

■ 55.9947, 59.9468,
38.4981

■ 70.9455, 73.8986,
92.6529

■ 53.2127, 56.9918,
29.5272

■ 74.6678, 77.5338,
105.6378

■ 50.7782, 54.2351,
22.2041

■ 76.0482, 80.2945,
106.0980

■ 48.6713, 51.6680,
16.4247

■ 77.4679, 83.1340,
106.5712

■ 46.8695, 49.2811,
12.0735

■ 78.9273, 86.0526,
107.0576

■ 45.3475, 47.0636,
9.0184

■ 80.4265, 89.0511,
107.5574

■ 44.0752, 45.0030,
7.1024

■ 81.9660, 92.1301,
108.0706

■ 43.0080, 43.0940,
6.0512

■ 82.7238, 93.6456,
108.3231

Harmonies

Analogous

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



64.7065, 66.4794, 62.4400



62.6715, 66.4794, 61.7532



60.8144, 66.4794, 63.7902

Triad

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



62.6715, 66.4794, 61.7532



60.1098, 66.4794, 79.4859



66.9020, 66.4794, 76.7896

Complementary

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



62.6715, 66.4794, 61.7532



56.3064, 58.5701, 74.6679

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.



65.6198, 66.4794, 81.7185



62.6715, 66.4794, 61.7532



61.6908, 66.4794, 83.3331

Square

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



62.6715, 66.4794, 61.7532



59.3563, 66.4794, 73.8743



63.7047, 66.4794, 84.1715



67.1783, 66.4794, 70.9154

Rectangle

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



62.6715, 66.4794, 61.7532



59.9171, 66.4794, 66.4872



63.7047, 66.4794, 84.1715



66.5731, 66.4794, 78.6211

Sweetspot

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



62.6733, 66.4823, 61.7546



93.2909, 98.4136, 102.3579



59.2125, 58.6096, 63.5335



19.8694, 20.9749, 21.5439



0.0000, 0.0000, 0.0000



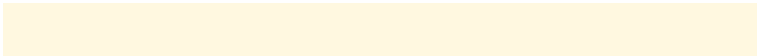
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



62.6733, 66.4823, 61.7546



88.3320, 93.8297, 84.2611



62.2259, 68.1460, 62.0993



13.8984, 14.7362, 13.8374



25.8504, 25.9863, 3.6534



1.7374, 1.8088, 0.2576

Inverse Universe

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



56.3064, 58.5701, 74.6679



77.5883, 80.4787, 106.0523



56.7168, 57.0807, 74.3588



12.5774, 13.0945, 16.5167



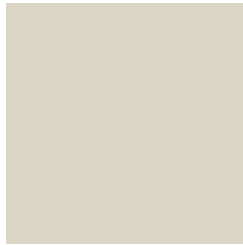
8.3196, 4.5086, 40.1702



0.6043, 0.4228, 2.6242

Previews

White Background



This preview shows how the XYZ color 62.6715, 66.4794, 61.7532 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 62.6715, 66.4794, 61.7532 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

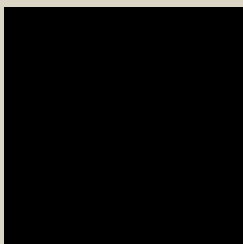
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

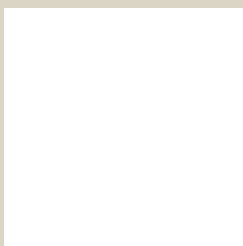
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 62.6715, 66.4794, 61.7532

Background



This preview shows how black text looks on a background with the XYZ color 62.6715, 66.4794, 61.7532.



This preview shows how white text looks on a background with the XYZ color 62.6715, 66.4794,

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

62.6715, 66.4794, 61.7532

Protanopia

63.3261, 66.4446, 61.7120

Deuteranopia

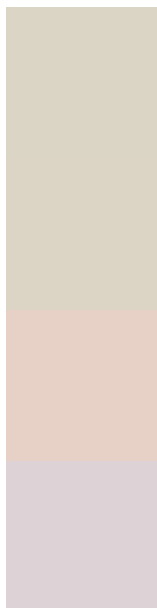
67.5060, 66.0446, 62.0133



Tritanopia

66.5153, 66.5668, 80.5771

Trichromacy



Original Color

62.6715, 66.4794, 61.7532

Protanomaly

63.0225, 66.2881, 61.6978

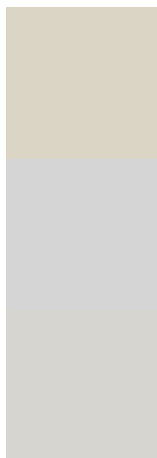
Deuteranomaly

65.5889, 66.1319, 62.1311

Tritanomaly

65.0030, 66.3204, 72.9934

Monochromacy



Original Color

62.6715, 66.4794, 61.7532

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

63.0811, 66.5406, 68.5504

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.6715, 66.4794, 61.7532 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, 213, 196) looks like.

```
.text, #text, p{  
    color:rgb(218, 213, 196)  
}
```

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, 213, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 213, 196) }
```

Border

The CSS property to change the border of an element to XYZ 62.6715, 66.4794, 61.7532 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, 213, 196) }
```


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

```
.border{ border-color:rgb(218, 213, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 213, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 213, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 213, 196);  
box-shadow:4px 4px 4px 4px rgb(218, 213,  
196) }
```

Background

The CSS property to change the background color of an element to XYZ 62.6715, 66.4794, 61.7532 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 213, 196) }
```

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

```
.background{ background-color: rgb(218,  
213, 196) }
```

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