

Converting Colors

XYZ(62.7268, 63.6259, 73.0012)

Have a look what the booklet for
XYZ(62.7268, 63.6259, 73.0012)
contains.

XYZ(62.9523, 63.8006, 73.2868)	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(62.9523, 63.8006,
73.2868)**

Conversions

Conversions Part 1

Format	Color
Hex	D9CED7
RGB	217, 206, 215
RGB Percent	85%, 81%, 84%
CMY	0.1490, 0.1921, 0.1569
CMYK	0.00, 0.05, 0.01, 0.15
HSL	311°, 13%, 83%
HSV	311°, 5%, 85%
XYZ	62.9523, 63.8006, 73.2868
YIQ	210.3150, 3.6670, 5.1310

Conversions

Conversions Part 2

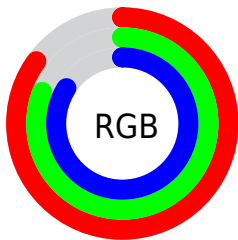
Format	Color
R _Y B	217, 206, 215
Decimal	14274263
CIE Lab	83.86, 5.40, -3.10
CIE LCh	84, 6.227, 330.158
Yxy	63.8006, 0.3147, 0.3189
Android (android.graphics.Color)	4292464343 (0xFFD9CED7)
YUV	210.3150, 2.3097, 5.8627
Hunter-Lab	79.8753, 0.8999, 1.5132

Details

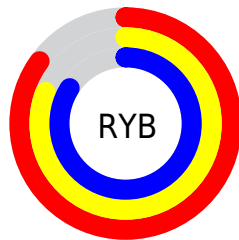
The XYZ color **62.9523, 63.8006, 73.2868** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **61.6540, 67.3033, 69.4190**, and the grayscale version is **61.4506, 64.6508, 70.4048**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **32.4737, 32.6759, 37.8532** is the 20% darker color. If you saturate the color by 10%, you get **57.5843, 53.8656, 69.0261**, and if you desaturate by 10%, it is **69.0574, 75.1884, 77.8551**.

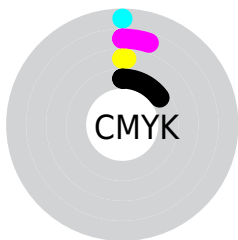
Distribution



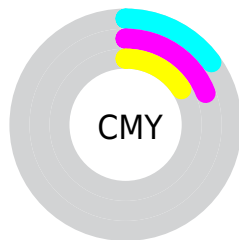
- Red (85%)
- Green (81%)
- Blue (84%)



- Red (85%)
- Yellow (81%)
- Blue (84%)



- Cyan (0%)
- Magenta (5%)
- Yellow (1%)
- Black (15%)



- Cyan (15%)
- Magenta (19%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.9523, 63.8006, 73.2868 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 62.9523, 63.8006, 73.2868 by changing the saturation by 10% instead.

■ 62.9523, 63.8006,
73.2868

■ 62.9523, 63.8006,
73.2868

425.0588,
438.4692, 491.1056

■ 46.0611, 46.4892,
53.7173

108.1829,
110.3237, 125.6090

■ 32.4989, 32.6320,
37.9840

137.2530,
140.3042, 159.1987

■ 21.9002, 21.8447,
25.6686

171.1135,
175.2765, 198.2988

■ 13.8998, 13.7428,
16.3523

210.1297,
215.6251, 243.3280

■ 8.1322, 7.9420,
9.6167

254.6670,
261.7342, 294.7047

■ 4.2322, 4.0579,
5.0433

305.0907,

■ 1.8343, 1.7060,

313.9883, 352.8476

2.2135

361.7662,
372.7719, 418.1750

■ 0.5382, 0.4275,
0.6822

■ 0.0000, 0.0000,
0.0000

■ 62.9523, 63.8006,
73.2868

■ 62.9523, 63.8006,
73.2868

■ 57.5843, 53.8656,
69.0261

■ 69.0574, 75.1884,
77.8551

■ 52.9185, 45.3165,
65.0587

■ 75.9219, 88.0762,
82.7365

■ 48.9253, 38.0931,
61.3749

■ 78.2189, 91.8092,
86.1567

■ 45.5706, 32.1278,
57.9632

■ 78.7695, 92.0295,
89.0563

42.8178, 27.3471,
54.8107

79.3327, 92.2547,
92.0221

40.6261, 23.6696,
51.9034

79.9086, 92.4851,
95.0545

38.9495, 21.0039,
49.2257

80.4972, 92.7205,
98.1539

37.7350, 19.2436,
46.7594

81.0986, 92.9611,
101.3208

36.9175, 18.2587,
44.4822

81.7129, 93.2068,
104.5555

Harmonies

Analogous

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



61.9725, 63.8006, 76.1914



62.9523, 63.8006, 73.2868



63.3108, 63.8006, 69.4472

Triad

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



62.9523, 63.8006, 73.2868



60.6333, 63.8006, 62.1996



58.3932, 63.8006, 73.3241

Complementary

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



62.9523, 63.8006, 73.2868



61.6540, 67.3033, 69.4190

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.



58.0465, 63.8006, 69.4888



62.9523, 63.8006, 73.2868



59.3279, 63.8006, 63.1522

Square

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



62.9523, 63.8006, 73.2868



61.9597, 63.8006, 63.1327



58.3861, 63.8006, 65.7842



59.3403, 63.8006, 76.2135

Rectangle

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



62.9523, 63.8006, 73.2868



63.1450, 63.8006, 66.9027



58.3861, 63.8006, 65.7842



58.2032, 63.8006, 72.0981

Sweetspot

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



62.9541, 63.8034, 73.2882



93.2955, 96.7295, 107.5802



60.5639, 62.5413, 74.5262



19.9875, 20.7383, 23.0405



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.



62.9541, 63.8034, 73.2882



89.9170, 90.4457, 104.9948



62.2800, 63.5337, 69.7385



13.8561, 13.8784, 16.2069



22.1944, 10.8788, 26.4675



1.4649, 0.7156, 1.8570

Inverse Universe

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



62.9541, 63.8034, 73.2882



89.9170, 90.4457, 104.9948



62.3211, 67.5701, 72.9322



13.8561, 13.8784, 16.2069



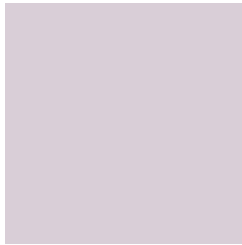
22.1944, 10.8788, 26.4675



1.4649, 0.7156, 1.8570

Previews

White Background



This preview shows how the XYZ color 62.9523, 63.8006, 73.2868 looks on a white background.

Color Contrast Check

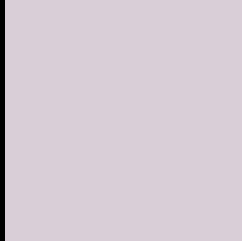
Large Text (above 18pt) WCAG AA × Fail

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 62.9523, 63.8006, 73.2868 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

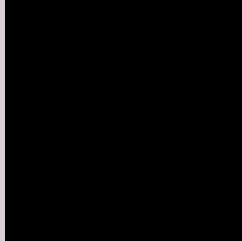
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

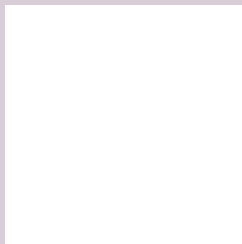
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 62.9523, 63.8006, 73.2868

Background



This preview shows how black text looks on a background with the XYZ color 62.9523, 63.8006, 73.2868.



This preview shows how white text looks on a background with the XYZ color 62.9523, 63.8006,

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

62.9523, 63.8006, 73.2868

Protanopia

61.8145, 63.9185, 74.0453

Deuteranopia

65.1146, 63.8385, 73.8559



Tritanopia

63.7959, 63.7885, 77.3566

Trichromacy



Original Color

62.9523, 63.8006, 73.2868

Protanomaly

62.1481, 63.7296, 73.9912

Deuteranomaly

64.4190, 63.8316, 73.8912

Tritanomaly

63.5309, 63.6825, 75.9614

Monochromacy



Original Color

62.9523, 63.8006, 73.2868

Achromatopsia

61.2578, 64.4480, 70.1838

Achromatomaly

62.1247, 64.5005, 71.4629

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.9523, 63.8006, 73.2868 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, 206, 215)` looks like.

```
.text, #text, p{  
    color:rgb(217, 206, 215)  
}
```

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, 206, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 206, 215) }
```

Border

The CSS property to change the border of an element to XYZ 62.9523, 63.8006, 73.2868 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, 206, 215) }
```


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

```
.border{ border-color:rgb(217, 206, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 206, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 206, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 206, 215);  
box-shadow:4px 4px 4px 4px rgb(217, 206,  
215) }
```

Background

The CSS property to change the background color of an element to XYZ 62.9523, 63.8006, 73.2868 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 206, 215) }
```

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

```
.background{ background-color: rgb(217,  
206, 215) }
```

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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