

Converting Colors

XYZ(62.8529, 66.2579, 73.2356)

Have a look what the booklet for
XYZ(62.8529, 66.2579, 73.2356)
contains.

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Color

**XYZ(62.7958, 66.2924,
73.1044)**

Conversions

Conversions Part 1

Format	Color
Hex	D3D5D6
RGB	211, 213, 214
RGB Percent	83%, 84%, 84%
CMY	0.1725, 0.1647, 0.1608
CMYK	0.01, 0.00, 0.00, 0.16
HSL	200°, 4%, 83%
HSV	200°, 1%, 84%
XYZ	62.7958, 66.2924, 73.1044
YIQ	212.5160, -1.5130, -0.1130

Conversions

Conversions Part 2

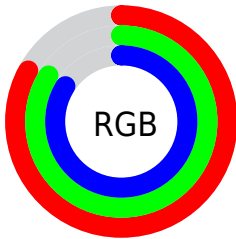
Format	Color
R _Y B	211, 212, 214
Decimal	13882838
CIE Lab	85.15, -0.49, -0.74
CIE LCh	85, 0.889, 236.387
Yxy	66.2924, 0.3106, 0.3279
Android (android.graphics.Color)	4292072918 (0xFFD3D5D6)
YUV	212.5160, 0.7316, -1.3295
Hunter-Lab	81.4201, -4.8160, 3.7596

Details

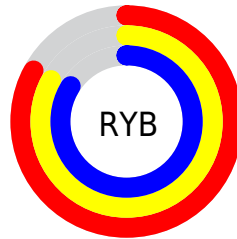
The XYZ color **62.7958, 66.2924, 73.1044** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **63.0330, 66.0855, 71.0625**, and the grayscale version is **62.9203, 66.1971, 72.0886**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **32.3895, 34.1250, 37.6806** is the 20% darker color. If you saturate the color by 10%, you get **55.3200, 59.8439, 72.2547**, and if you desaturate by 10%, it is **71.1700, 73.3241, 74.0213**.

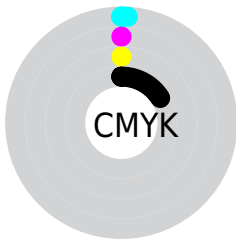
Distribution



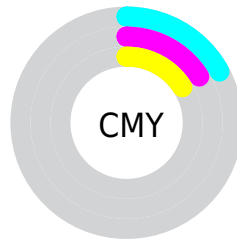
- Red (83%)
- Green (84%)
- Blue (84%)



- Red (83%)
- Yellow (83%)
- Blue (84%)



- Cyan (1%)
- Magenta (0%)
- Yellow (0%)
- Black (16%)



- Cyan (17%)
- Magenta (16%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.7958, 66.2924, 73.1044 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 62.7958, 66.2924, 73.1044 by changing the saturation by 10% instead.

■ 62.7958, 66.2924,
73.1044

■ 62.7958, 66.2924,
73.1044

424.4995,
447.4219, 490.4570

■ 45.9341, 48.5098,
53.5690

107.9583,
113.9059, 125.3477

■ 32.3982, 34.2308,
37.8664

136.9898,
144.5056, 158.8927

■ 21.8228, 23.0710,
25.5780

170.8086,
180.1465, 197.9446

■ 13.8427, 14.6459,
16.2852

209.7801,
221.2129, 242.9220

■ 8.0923, 8.5713,
9.5697

254.2695,
268.0892, 294.2434

■ 4.2064, 4.4626,
5.0127

304.6423,

■ 1.8195, 1.9356,

321.1599, 352.3273

2.1959

361.2639,
380.8093, 417.5924

■ 0.5294, 0.5696,
0.6720

■ 0.0000, 0.0000,
0.0000

■ 62.7958, 66.2924,
73.1044

■ 62.7958, 66.2924,
73.1044

■ 55.3200, 59.8439,
72.2547

■ 71.1700, 73.3241,
74.0213

■ 48.7039, 53.9516,
71.4661

■ 80.4681, 80.9481,
75.0028

■ 42.9142, 48.5987,
70.7380

■ 82.8947, 85.1489,
75.6857

■ 37.9134, 43.7643,
70.0685

■ 84.9630, 89.2856,
76.3752

■ 33.6606, 39.4259,
69.4552

■ 87.1135, 93.5866,
77.0920

■ 30.1113, 35.5587,
68.8959

■ 89.1378, 97.6351,
77.7668

■ 27.2157, 32.1357,
68.3878

■ 24.9168, 29.1256,
67.9279

■ 23.1470, 26.4920,
67.5129

Harmonies

Analogous

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



62.6643, 66.2924, 72.6729



62.7958, 66.2924, 73.1044



62.9847, 66.2924, 73.2885

Triad

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



62.7958, 66.2924, 73.1044



63.3944, 66.2924, 72.2507



62.8378, 66.2924, 71.1968

Complementary

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



62.7958, 66.2924, 73.1044



63.0330, 66.0855, 71.0625

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.



63.0332, 66.2924, 71.0850



62.7958, 66.2924, 73.1044



63.3549, 66.2924, 71.6916

Square

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



62.7958, 66.2924, 73.1044



63.3305, 66.2924, 72.7940



63.2226, 66.2924, 71.2657



62.6885, 66.2924, 71.5718

Rectangle

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



62.7958, 66.2924, 73.1044



63.1177, 66.2924, 73.2454



63.2226, 66.2924, 71.2657



62.9003, 66.2924, 71.1273

Sweetspot

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



62.7977, 66.2952, 73.1058

95.0500, 100.0000, 108.9000



62.7889, 66.6940, 71.8192



20.3446, 21.4041, 23.3091



0.0000, 0.0000, 0.0000

Same Dimension

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



62.7977, 66.2952, 73.1058



92.6605, 97.9694, 108.6340



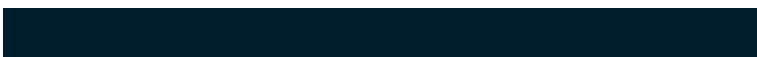
62.4337, 65.5672, 72.9845



13.6740, 14.4527, 16.0065



13.3650, 14.9918, 40.6424



0.8807, 1.0533, 2.4762

Inverse Universe

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



63.0375, 65.6900, 72.3111



93.1730, 96.6804, 106.9347



63.3981, 66.8156, 71.1842



13.7445, 14.2753, 15.7728



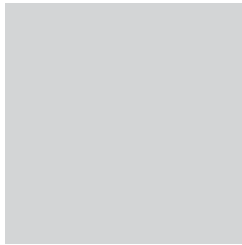
19.8049, 9.8583, 16.8085



1.2322, 0.6097, 1.2119

Previews

White Background



This preview shows how the XYZ color 62.7958, 66.2924, 73.1044 looks on a white background.

Color Contrast Check

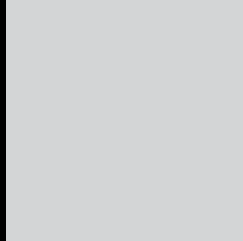
Large Text (above 18pt) WCAG AA × Fail

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 62.7958, 66.2924, 73.1044 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

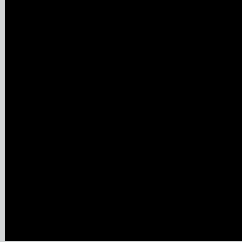
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

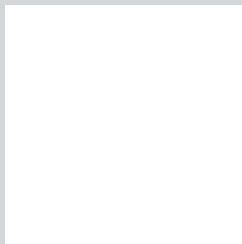
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 62.7958, 66.2924, 73.1044

Background



This preview shows how black text looks on a background with the XYZ color 62.7958, 66.2924, 73.1044.

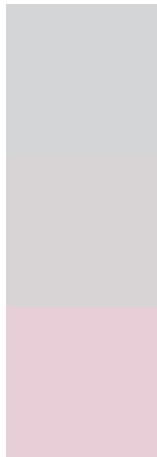


This preview shows how white text looks on a background with the XYZ color 62.7958, 66.2924,

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

62.7958, 66.2924, 73.1044

Protanopia

63.8726, 66.4900, 72.4182

Deuteranopia

67.6158, 66.2047, 73.5050



Tritanopia

64.7384, 66.3361, 82.7909

Trichromacy



Original Color

62.7958, 66.2924, 73.1044

Protanomaly

63.2853, 66.1872, 72.3907

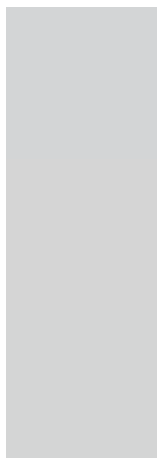
Deuteranomaly

65.8067, 66.3545, 73.6293

Tritanomaly

64.0141, 66.4117, 79.2569

Monochromacy



Original Color

62.7958, 66.2924, 73.1044

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

62.9559, 66.3896, 72.4471

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.7958, 66.2924, 73.1044 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(211, 213, 214) looks like.

```
.text, #text, p{  
    color:rgb(211, 213, 214)  
}
```

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(211, 213, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 213, 214) }
```

Border

The CSS property to change the border of an element to XYZ 62.7958, 66.2924, 73.1044 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(211, 213, 214) }
```

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

```
.border{ border-color:rgb(211, 213, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 213, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 213, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 213, 214);  
box-shadow:4px 4px 4px 4px rgb(211, 213,  
214) }
```


Background

The CSS property to change the background color of an element to XYZ 62.7958, 66.2924, 73.1044 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 213, 214) }
```

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

```
.background{ background-color: rgb(211,  
213, 214) }
```

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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