

Converting Colors

XYZ(62.9502, 66.0989, 74.5242)

Have a look what the booklet for
XYZ(62.9502, 66.0989, 74.5242)
contains.

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Color

**XYZ(62.8021, 65.8937,
74.3745)**

Conversions

Conversions Part 1

Format	Color
Hex	D3D4D8
RGB	211, 212, 216
RGB Percent	83%, 83%, 85%
CMY	0.1725, 0.1686, 0.1529
CMYK	0.02, 0.02, 0.00, 0.15
HSL	228°, 6%, 84%
HSV	228°, 2%, 85%
XYZ	62.8021, 65.8937, 74.3745
YIQ	212.1570, -1.8800, 1.0320

Conversions

Conversions Part 2

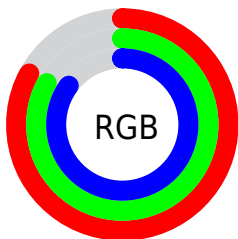
Format	Color
RYP	211, 212, 216
Decimal	13882584
CIE Lab	84.94, 0.40, -2.10
CIE LCh	85, 2.137, 280.742
Yxy	65.8937, 0.3093, 0.3245
Android (android.graphics.Color)	4292072664 (0xFFD3D4D8)
YUV	212.1570, 1.8946, -1.0147
Hunter-Lab	81.1749, -3.9572, 2.4995

Details

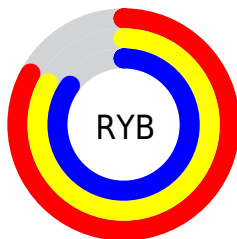
The XYZ color **62.8021, 65.8937, 74.3745** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **64.3773, 67.9022, 71.3424**, and the grayscale version is **62.6740, 65.9379, 71.8064**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **32.3946, 33.8552, 38.5455** is the 20% darker color. If you saturate the color by 10%, you get **52.9378, 54.7421, 72.7429**, and if you desaturate by 10%, it is **73.9632, 78.4026, 76.2017**.

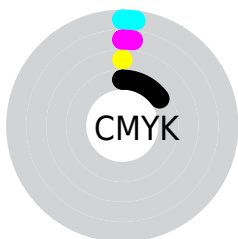
Distribution



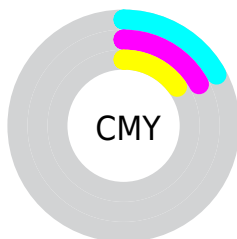
- Red (83%)
- Green (83%)
- Blue (85%)



- Red (83%)
- Yellow (83%)
- Blue (85%)



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



- Cyan (17%)
- Magenta (17%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.8021, 65.8937, 74.3745 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 62.8021, 65.8937, 74.3745 by changing the saturation by 10% instead.

■ 62.8021, 65.8937,
74.3745

■ 62.8021, 65.8937,
74.3745

424.5220,
445.9966, 494.9628

■ 45.9392, 48.1861,
54.6020

107.9674,
113.3338, 127.1655

■ 32.4022, 33.9743,
38.6867

137.0004,
143.8350, 161.0210

■ 21.8260, 22.8739,
26.2101

170.8209,
179.3696, 200.4080

■ 13.8450, 14.5004,
16.7537

209.7941,
220.3220, 245.7449

■ 8.0939, 8.4695,
9.8990

254.2855,
267.0764, 297.4503

■ 4.2074, 4.3968,
5.2273

304.6604,

■ 1.8201, 1.8979,

320.0174, 355.9427

2.3202

361.2841,
379.5294, 421.6407

■ 0.5297, 0.5471,
0.7425

■ 0.0000, 0.0000,
0.0000

■ 62.8021, 65.8937,
74.3745

■ 62.8021, 65.8937,
74.3745

■ 52.9378, 54.7421,
72.7429

■ 73.9632, 78.4026,
76.2017

■ 44.3173, 44.8935,
71.2963

■ 86.4604, 92.3040,
78.2263

■ 36.8921, 36.3022,
70.0294

■ 89.3949, 97.7379,
79.1205

■ 30.6085, 28.9167,
68.9350

■ 25.4086, 22.6819,
68.0056

■ 21.2292, 17.5383,
67.2331

■ 18.0004, 13.4206,
66.6085

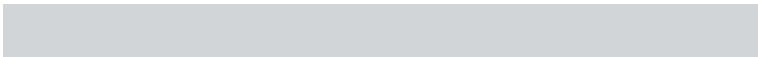
■ 15.6429, 10.2564,
66.1220

■ 14.0635, 7.9625,
65.7625

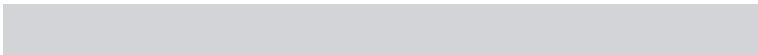
Harmonies

Analogous

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



62.3262, 65.8937, 74.2705



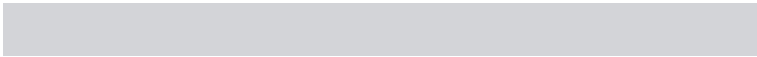
62.8021, 65.8937, 74.3745



63.2341, 65.8937, 73.7677

Triad

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



62.8021, 65.8937, 74.3745



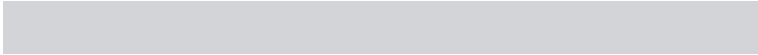
63.3316, 65.8937, 70.0363



61.7630, 65.8937, 70.8790

Complementary

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



62.8021, 65.8937, 74.3745



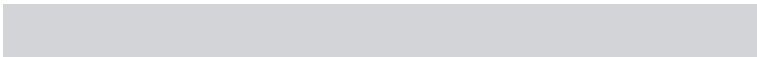
64.3773, 67.9022, 71.3424

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.



62.0298, 65.8937, 69.7636



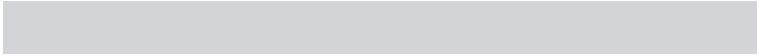
62.8021, 65.8937, 74.3745



62.9348, 65.8937, 69.2814

Square

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



62.8021, 65.8937, 74.3745



63.5408, 65.8937, 71.2557



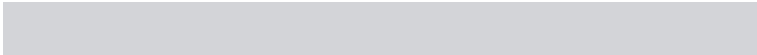
62.4582, 65.8937, 69.1822



61.7279, 65.8937, 72.2406

Rectangle

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



62.8021, 65.8937, 74.3745



63.4384, 65.8937, 73.0462



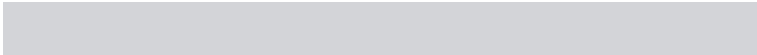
62.4582, 65.8937, 69.1822



61.8285, 65.8937, 70.4633

Sweetspot

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



62.8040, 65.8965, 74.3759



93.4713, 98.2260, 108.6408



63.6759, 67.8637, 73.9778



20.0233, 21.0431, 23.2563



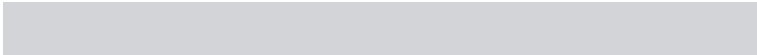
0.0000, 0.0000, 0.0000



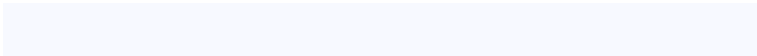
20.3446, 21.4041, 23.3091

Same Dimension

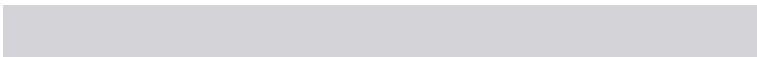
The Same Dimension uses a secret algorithm to generate beautiful new colors.



62.8040, 65.8965, 74.3759



90.3716, 94.7384, 108.1310



62.9616, 65.6065, 74.3116



13.1493, 13.7718, 15.9027



7.9168, 4.0954, 38.8264



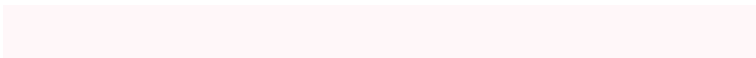
0.5369, 0.3659, 2.3616

Inverse Universe

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



63.4983, 65.9421, 71.6721



91.6889, 94.8282, 103.0000



64.2169, 68.2000, 71.4083



13.3897, 13.7888, 14.9663



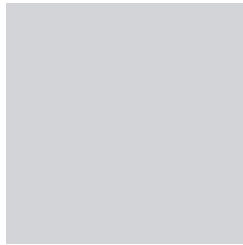
17.0549, 8.7583, 2.3272



1.0587, 0.5403, 0.2983

Previews

White Background



This preview shows how the XYZ color 62.8021, 65.8937, 74.3745 looks on a white background.

Color Contrast Check

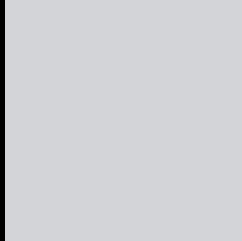
Large Text (above 18pt) WCAG AA × Fail

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 62.8021, 65.8937, 74.3745 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

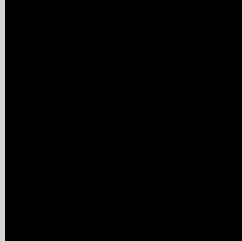
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

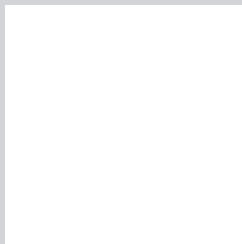
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 62.8021, 65.8937, 74.3745

Background



This preview shows how black text looks on a background with the XYZ color 62.8021, 65.8937, 74.3745.



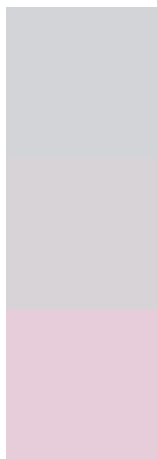
This preview shows how white text looks on a background with the XYZ color 62.8021, 65.8937,

74.3745.

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

62.8021, 65.8937, 74.3745

Protanopia

63.5843, 65.9419, 73.6668

Deuteranopia

66.9888, 65.4954, 74.7568



Tritanopia

64.3523, 65.7854, 81.9792

Trichromacy



Original Color

62.8021, 65.8937, 74.3745

Protanomaly

63.2916, 65.7910, 73.6531

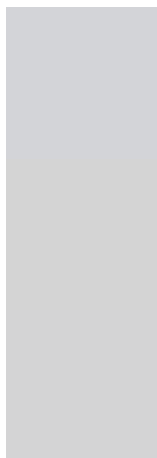
Deuteranomaly

65.5117, 65.8095, 74.8953

Tritanomaly

63.7649, 65.9133, 79.1738

Monochromacy



Original Color

62.8021, 65.8937, 74.3745

Achromatopsia

62.5785, 65.8375, 71.6970

Achromatomaly

62.7051, 65.8881, 72.3636

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.8021, 65.8937, 74.3745 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, 212, 216) looks like.

```
.text, #text, p{  
    color:rgb(211, 212, 216)  
}
```

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, 212, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 212, 216) }
```

Border

The CSS property to change the border of an element to XYZ 62.8021, 65.8937, 74.3745 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, 212, 216) }
```


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

```
.border{ border-color:rgb(211, 212, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 212, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 212, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 212, 216);  
box-shadow:4px 4px 4px 4px rgb(211, 212,  
216) }
```

Background

The CSS property to change the background color of an element to XYZ 62.8021, 65.8937, 74.3745 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 212, 216) }
```

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

```
.background{ background-color: rgb(211,  
212, 216) }
```

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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