

Converting Colors

XYZ(62.6790, 69.1204, 74.4960)

Have a look what the booklet for
XYZ(62.6790, 69.1204, 74.4960)
contains.

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Color

**XYZ(62.7508, 69.3157,
74.3619)**

Conversions

Conversions Part 1

Format	Color
Hex	CBDDD7
RGB	203, 221, 215
RGB Percent	80%, 87%, 84%
CMY	0.2039, 0.1333, 0.1569
CMYK	0.08, 0.00, 0.03, 0.13
HSL	160°, 21%, 83%
HSV	160°, 8%, 87%
XYZ	62.7508, 69.3157, 74.3619
YIQ	214.9340, -8.8020, -5.6820

Conversions

Conversions Part 2

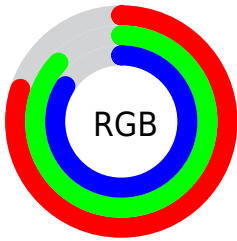
Format	Color
R _Y B	203, 214, 221
Decimal	13360599
CIE Lab	86.66, -7.13, 0.87
CIE LCh	87, 7.179, 173.016
Yxy	69.3157, 0.3040, 0.3358
Android (android.graphics.Color)	4291550679 (0xFFCBDDD7)
YUV	214.9340, 0.0325, -10.4661
Hunter-Lab	83.2561, -11.1611, 5.3231

Details

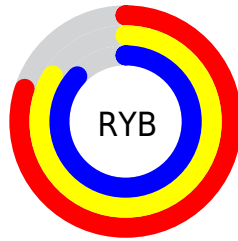
The XYZ color **62.7508, 69.3157, 74.3619** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **62.6859, 62.6893, 69.1213**, and the grayscale version is **64.5523, 67.9141, 73.9584**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **32.3758, 36.2001, 38.5386** is the 20% darker color. If you saturate the color by 10%, you get **56.2306, 66.0633, 69.2251**, and if you desaturate by 10%, it is **70.1756, 73.0333, 79.7666**.

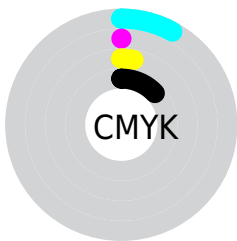
Distribution



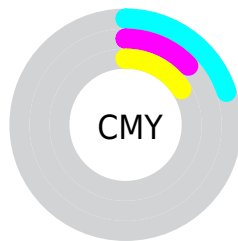
- Red (80%)
- Green (87%)
- Blue (84%)



- Red (80%)
- Yellow (84%)
- Blue (87%)



- Cyan (8%)
- Magenta (0%)
- Yellow (3%)
- Black (13%)



- Cyan (20%)
- Magenta (13%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.7508, 69.3157, 74.3619 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 62.7508, 69.3157, 74.3619 by changing the saturation by 10% instead.

■ 62.7508, 69.3157,
74.3619

■ 62.7508, 69.3157,
74.3619

424.3386,
458.1436, 494.9182

■ 45.8975, 50.9689,
54.5917

107.8937,
118.2324, 127.1475

■ 32.3692, 36.1838,
38.6785

136.9141,
149.5710, 160.9999

■ 21.8006, 24.5762,
26.2038

170.7209,
186.0090, 200.3836

■ 13.8262, 15.7616,
16.7491

209.6795,
227.9308, 245.7169

■ 8.0808, 9.3556,
9.8957

254.1552,
275.7208, 297.4185

■ 4.1989, 4.9739,
5.2251

304.5134,

■ 1.8153, 2.2319,

329.7633, 355.9069

2.3189

361.1194,
390.4428, 421.6006

■ 0.5269, 0.7373,
0.7418

■ 0.0000, 0.0000,
0.0000

■ 62.7508, 69.3157,
74.3619

■ 62.7508, 69.3157,
74.3619

■ 56.2306, 66.0633,
69.2251

■ 70.1756, 73.0333,
79.7666

■ 50.5723, 63.2485,
64.3471

■ 78.5336, 77.2252,
85.4391

■ 45.7389, 60.8540,
59.7245

■ 82.4000, 79.0964,
91.1297

■ 41.6877, 58.8582,
55.3524

■ 83.4999, 79.5364,
96.9219

■ 38.3727, 57.2371,
51.2256

■ 84.6447, 79.9943,
102.9500

■ 35.7425, 55.9645,
47.3384

■ 85.1478, 80.1955,
105.5993

■ 33.7388, 55.0104,
43.6849

■ 32.2933, 54.3395,
40.2586

■ 31.3079, 53.9015,
37.0516

Harmonies

Analogous

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



63.3542, 69.3157, 70.0822



62.7508, 69.3157, 74.3619



62.9751, 69.3157, 79.1207

Triad

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



62.7508, 69.3157, 74.3619



67.1441, 69.3157, 84.2445



67.8304, 69.3157, 68.3726

Complementary

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



62.7508, 69.3157, 74.3619



62.6859, 62.6893, 69.1213

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.



68.8780, 69.3157, 71.9392



62.7508, 69.3157, 74.3619



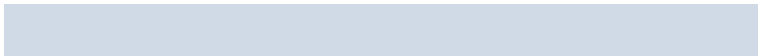
68.4772, 69.3157, 81.1334

Square

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



62.7508, 69.3157, 74.3619



65.4934, 69.3157, 84.9598



69.1167, 69.3157, 76.5951



66.2732, 69.3157, 66.7201

Rectangle

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



62.7508, 69.3157, 74.3619



63.5657, 69.3157, 81.9126



69.1167, 69.3157, 76.5951



68.2549, 69.3157, 69.3801

Sweetspot

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



62.7528, 69.3186, 74.3634



92.9259, 98.9365, 107.3777



63.0177, 69.6269, 66.6189



19.9122, 21.1876, 22.9993



0.0000, 0.0000, 0.0000



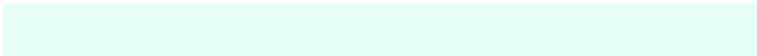
20.3446, 21.4041, 23.3091

Same Dimension

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



62.7528, 69.3186, 74.3634



84.9438, 94.9448, 101.4382



62.8313, 68.2183, 78.2660



13.2507, 14.7519, 15.7829



18.1483, 31.2919, 21.4779



1.2151, 2.0430, 1.5987

Inverse Universe

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



62.6859, 62.6893, 69.1213



84.8310, 83.7490, 92.5855



62.5997, 63.6842, 65.4939



13.2342, 13.1228, 14.4948



18.0814, 9.2336, 4.8086



1.2106, 0.6139, 0.5181

Previews

White Background



This preview shows how the XYZ color 62.7508, 69.3157, 74.3619 looks on a white background.

Color Contrast Check

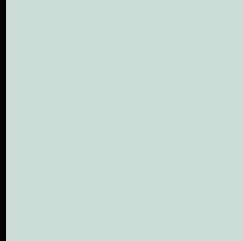
Large Text (above 18pt) WCAG AA × Fail

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 62.7508, 69.3157, 74.3619 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

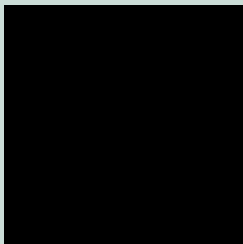
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

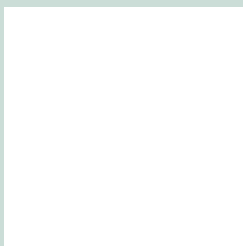
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 62.7508, 69.3157, 74.3619

Background



This preview shows how black text looks on a background with the XYZ color 62.7508, 69.3157, 74.3619.

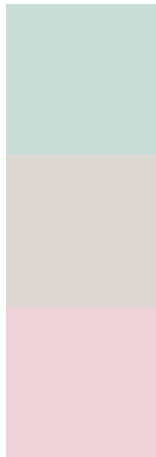


This preview shows how white text looks on a background with the XYZ color 62.7508, 69.3157,

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

62.7508, 69.3157, 74.3619

Protanopia

66.5637, 69.3948, 72.1736

Deuteranopia

70.4960, 69.1075, 75.2692



Tritanopia

65.5204, 69.2628, 88.5130

Trichromacy



Original Color

62.7508, 69.3157, 74.3619

Protanomaly

65.1060, 69.3940, 72.9137

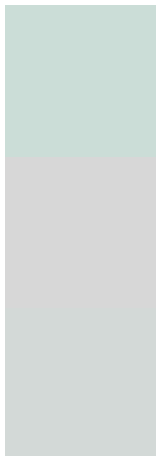
Deuteranomaly

67.4926, 69.0586, 74.7381

Tritanomaly

64.5119, 69.2436, 83.3640

Monochromacy



Original Color

62.7508, 69.3157, 74.3619

Achromatopsia

64.5905, 67.9542, 74.0022

Achromatomaly

63.9426, 68.3809, 74.1187

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.7508, 69.3157, 74.3619 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(203, 221, 215)` looks like.

```
.text, #text, p{  
    color:rgb(203, 221, 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(203, 221, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 221, 215) }
```

Border

The CSS property to change the border of an element to XYZ 62.7508, 69.3157, 74.3619 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(203, 221, 215) }
```


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

```
.border{ border-color:rgb(203, 221, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 221, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 221, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 221, 215);  
box-shadow:4px 4px 4px 4px rgb(203, 221,  
215) }
```

Background

The CSS property to change the background color of an element to XYZ 62.7508, 69.3157, 74.3619 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 221, 215) }
```

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

```
.background{ background-color: rgb(203,  
221, 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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