

Converting Colors

XYZ(62.0557, 69.2945, 74.2775)

Have a look what the booklet for
XYZ(62.0557, 69.2945, 74.2775)
contains.

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Color

**XYZ(62.2064, 69.4282,
74.4123)**

Conversions

Conversions Part 1

Format	Color
Hex	C8DED7
RGB	200, 222, 215
RGB Percent	78%, 87%, 84%
CMY	0.2157, 0.1294, 0.1569
CMYK	0.10, 0.00, 0.03, 0.13
HSL	161°, 25%, 83%
HSV	161°, 10%, 87%
XYZ	62.2064, 69.4282, 74.4123
YIQ	214.6240, -10.8650, -6.8410

Conversions

Conversions Part 2

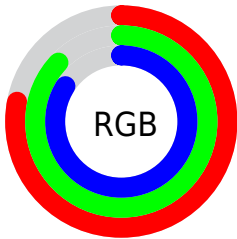
Format	Color
RYB	200, 213, 222
Decimal	13164247
CIELab	86.72, -8.63, 0.93
CIELCh	87, 8.677, 173.855
Yxy	69.4282, 0.3019, 0.3370
Android (android.graphics.Color)	4291354327 (0xFFC8DED7)
YUV	214.6240, 0.1854, -12.8252
Hunter-Lab	83.3236, -12.5546, 5.3775

Details

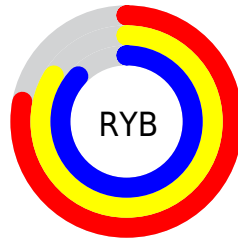
The XYZ color **62.2064, 69.4282, 74.4123** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **62.0434, 61.3449, 67.6054**, and the grayscale version is **64.3428, 67.6936, 73.7183**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **32.0179, 36.2865, 38.5742** is the 20% darker color. If you saturate the color by 10%, you get **55.8143, 66.2375, 69.4762**, and if you desaturate by 10%, it is **69.5026, 73.0843, 79.5983**.

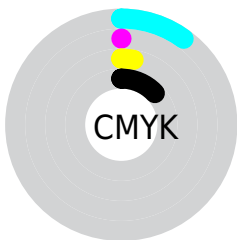
Distribution



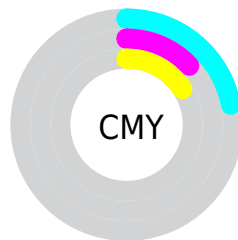
- Red (78%)
- Green (87%)
- Blue (84%)



- Red (78%)
- Yellow (84%)
- Blue (87%)



- Cyan (10%)
- Magenta (0%)
- Yellow (3%)
- Black (13%)



- Cyan (22%)
- Magenta (13%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.2064, 69.4282, 74.4123 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 62.2064, 69.4282, 74.4123 by changing the saturation by 10% instead.

■ 62.2064, 69.4282,
74.4123

■ 62.2064, 69.4282,
74.4123

422.3891,
458.5398, 495.0966

■ 45.4557, 51.0605,
54.6327

107.1120,
118.3930, 127.2195

■ 32.0193, 36.2568,
38.7111

135.9977,
149.7588, 161.0843

■ 21.5319, 24.6326,
26.2290

169.6591,
186.2262, 200.4812

■ 13.6280, 15.8035,
16.7677

208.4615,
228.1795, 245.8287

■ 7.9424, 9.3852,
9.9088

252.7704,
276.0031, 297.5455

■ 4.1096, 4.9933,
5.2337

302.9511,

■ 1.7643, 2.2433,

330.0814, 356.0500

2.3239

359.3689,
390.7989, 421.7609

■ 0.4960, 0.7435,
0.7446

■ 0.0000, 0.0000,
0.0000

■ 62.2064, 69.4282,
74.4123

■ 62.2064, 69.4282,
74.4123

■ 55.8143, 66.2375,
69.4762

■ 69.5026, 73.0843,
79.5983

■ 50.2830, 63.4842,
64.7812


■ 77.7322, 77.2150,
85.0338


■ 45.5742, 61.1506,
60.3243


■ 82.5320, 79.5729,
90.5185

■ 41.6448, 59.2142,
56.1008


■ 83.5805, 79.9923,
96.0398


 38.4470, 57.6509,
52.1058


 84.6701, 80.4282,
101.7775

 35.9282, 56.4332,
48.3340

 85.4126, 80.7252,
105.6875

 34.0278, 55.5303,
44.7798

 32.6746, 54.9052,
41.4370

 31.7440, 54.4940,
38.2968

Harmonies

Analogous

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



62.9055, 69.4282, 69.2289



62.2064, 69.4282, 74.4123



62.5041, 69.4282, 80.1792

Triad

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



62.2064, 69.4282, 74.4123



67.5711, 69.4282, 86.2204



68.3045, 69.4282, 66.9726

Complementary

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



62.2064, 69.4282, 74.4123



62.0434, 61.3449, 67.6054

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.



69.6019, 69.4282, 71.1900



62.2064, 69.4282, 74.4123



69.1725, 69.4282, 82.3409

Square

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



62.2064, 69.4282, 74.4123



65.5750, 69.4282, 87.1907



69.9228, 69.4282, 76.7912



66.4056, 69.4282, 65.0768

Rectangle

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



62.2064, 69.4282, 74.4123



63.2309, 69.4282, 83.5587



69.9228, 69.4282, 76.7912



68.8270, 69.4282, 68.1551

Sweetspot

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



62.2084, 69.4311, 74.4138



91.9017, 98.4220, 106.7193



62.3742, 69.7292, 64.8162



19.4949, 20.9782, 22.7187



0.0000, 0.0000, 0.0000



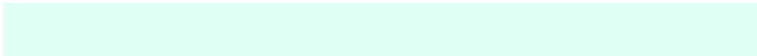
20.3446, 21.4041, 23.3091

Same Dimension

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



62.2084, 69.4311, 74.4138



83.1458, 94.0398, 100.3640



62.1644, 67.8719, 78.9349



13.9212, 15.4942, 16.6204



18.9025, 32.3858, 23.0074



1.3504, 2.2609, 1.8062

Inverse Universe

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



62.0434, 61.3449, 67.6054



82.8746, 80.7351, 89.1626



62.0655, 62.7290, 63.4813



13.8861, 13.7721, 15.1704



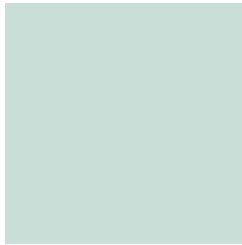
18.6071, 9.5098, 4.5966



1.3295, 0.6751, 0.5281

Previews

White Background



This preview shows how the XYZ color 62.2064, 69.4282, 74.4123 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 62.2064, 69.4282, 74.4123 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

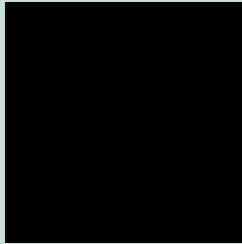
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

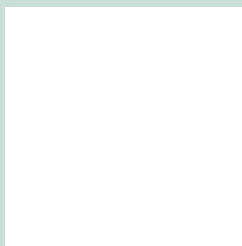
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 62.2064, 69.4282, 74.4123

Background



This preview shows how black text looks on a background with the XYZ color 62.2064, 69.4282, 74.4123.



This preview shows how white text looks on a background with the XYZ color 62.2064, 69.4282,

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

62.2064, 69.4282, 74.4123

Protanopia

66.4379, 69.3445, 71.5112

Deuteranopia

70.4960, 69.1075, 75.2692



Tritanopia

65.3737, 69.5565, 89.3371

Trichromacy



Original Color

62.2064, 69.4282, 74.4123

Protanomaly

64.6866, 69.1924, 72.2335

Deuteranomaly

67.1817, 68.8983, 74.7236

Tritanomaly

64.2254, 69.4843, 83.4256

Monochromacy



Original Color

62.2064, 69.4282, 74.4123

Achromatopsia

64.5905, 67.9542, 74.0022

Achromatomaly

63.9155, 68.7507, 74.1915

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.2064, 69.4282, 74.4123 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(200, 222, 215)` looks like.

```
.text, #text, p{  
    color:rgb(200, 222, 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(200, 222, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 222, 215) }
```

Border

The CSS property to change the border of an element to XYZ 62.2064, 69.4282, 74.4123 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(200, 222, 215) }
```


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

```
.border{ border-color:rgb(200, 222, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 222, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 222, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 222, 215);  
box-shadow:4px 4px 4px 4px rgb(200, 222,  
215) }
```

Background

The CSS property to change the background color of an element to XYZ 62.2064, 69.4282, 74.4123 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 222, 215) }
```

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

```
.background{ background-color: rgb(200,  
222, 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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