

Converting Colors

XYZ(63.9997, 69.5774, 73.6914)

Have a look what the booklet for
XYZ(63.9997, 69.5774, 73.6914)
contains.

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Color

**XYZ(64.0253, 69.5967,
73.6774)**

Conversions

Conversions Part 1

Format	Color
Hex	D1DCD6
RGB	209, 220, 214
RGB Percent	82%, 86%, 84%
CMY	0.1804, 0.1372, 0.1608
CMYK	0.05, 0.00, 0.03, 0.14
HSL	147°, 14%, 84%
HSV	147°, 5%, 86%
XYZ	64.0253, 69.5967, 73.6774
YIQ	216.0270, -4.6300, -4.1980

Conversions

Conversions Part 2

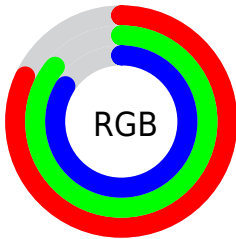
Format	Color
R _Y B	209, 217, 220
Decimal	13753558
CIE Lab	86.80, -4.79, 1.65
CIE LCh	87, 5.072, 160.969
Yxy	69.5967, 0.3089, 0.3357
Android (android.graphics.Color)	4291943638 (0xFFD1DCD6)
YUV	216.0270, -0.9993, -6.1627
Hunter-Lab	83.4246, -9.0010, 6.0346

Details

The XYZ color **64.0253, 69.5967, 73.6774** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **64.5839, 65.7247, 73.5755**, and the grayscale version is **65.2991, 68.6998, 74.8140**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **33.2307, 36.3820, 38.0719** is the 20% darker color. If you saturate the color by 10%, you get **56.7488, 66.0181, 65.6280**, and if you desaturate by 10%, it is **72.2783, 73.6695, 82.3652**.

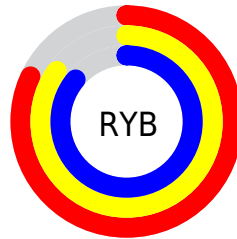
Distribution



Red (82%)

Green (86%)

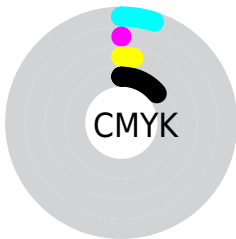
Blue (84%)



Red (82%)

Yellow (85%)

Blue (86%)

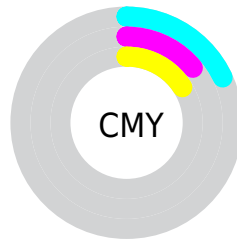


Cyan (5%)

Magenta (0%)

Yellow (3%)

Black (14%)



Cyan (18%)

Magenta (14%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 64.0253, 69.5967, 73.6774 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 64.0253, 69.5967, 73.6774 by changing the saturation by 10% instead.

■ 64.0253, 69.5967,
73.6774

■ 64.0253, 69.5967,
73.6774

428.8818,
459.1327, 492.4928

■ 46.9329, 51.1978,
54.0349

109.7209,
118.6334, 126.1682

■ 33.1904, 36.3661,
38.2362

139.0548,
150.0401, 159.8536

■ 22.4322, 24.7170,
25.8628

173.2000,
186.5514, 199.0569

■ 14.2932, 15.8664,
16.4962

212.5218,
228.5519, 244.1968

■ 8.4080, 9.4296,
9.7178

257.3855,
276.4259, 295.6918

■ 4.4111, 5.0225,
5.1091

308.1565,

■ 1.9372, 2.2605,

330.5577, 353.9605

2.2516

365.2001,
391.3319, 419.4213

■ 0.5983, 0.7527,
0.7039

■ 0.0000, 0.0000,
0.0000

■ 64.0253, 69.5967,
73.6774

■ 64.0253, 69.5967,
73.6774

■ 56.7488, 66.0181,
65.6280

■ 72.2783, 73.6695,
82.3652

■ 50.4054, 62.9059,
58.1979

■ 81.5373, 78.2457,
91.7006

■ 44.9573, 60.2427,
51.3738

■ 84.0916, 79.3518,
101.3361

■ 40.3615, 58.0067,
45.1402

■ 84.8845, 79.6690,
105.5115

■ 36.5715, 56.1742,
39.4808

■ 33.5361, 54.7192,
34.3786

■ 31.1978, 53.6123,
29.8157

■ 29.4902, 52.8197,
25.7730

■ 28.3326, 52.3002,
22.2299

Harmonies

Analogous

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



64.6713, 69.5967, 70.9722



64.0253, 69.5967, 73.6774



63.9445, 69.5967, 77.0237

Triad

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



64.0253, 69.5967, 73.6774



66.5828, 69.5967, 82.3469



67.8796, 69.5967, 71.5930

Complementary

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



64.0253, 69.5967, 73.6774



64.5839, 65.7247, 73.5755

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.



68.4048, 69.5967, 74.5478



64.0253, 69.5967, 73.6774



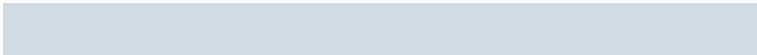
67.6502, 69.5967, 80.7980

Square

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



64.0253, 69.5967, 73.6774



65.4116, 69.5967, 82.0969



68.3203, 69.5967, 77.9201



66.8930, 69.5967, 69.7938

Rectangle

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



64.0253, 69.5967, 73.6774



64.2209, 69.5967, 79.1762



68.3203, 69.5967, 77.9201



68.1165, 69.5967, 72.4803

Sweetspot

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



64.0273, 69.5997, 73.6789



92.7537, 98.8676, 106.4710



65.1434, 70.2477, 70.4484



19.8772, 21.1736, 22.8147



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.



64.0273, 69.5997, 73.6789



88.3283, 96.6868, 101.7218



64.7356, 69.8830, 77.4090



13.5885, 14.9292, 15.6550



16.4242, 30.6023, 12.3993



1.1071, 1.9998, 1.0302

Inverse Universe

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



64.5839, 65.7247, 73.5755



89.2625, 90.1839, 101.5482



63.8946, 65.4490, 69.9457



13.7458, 13.8343, 15.6257



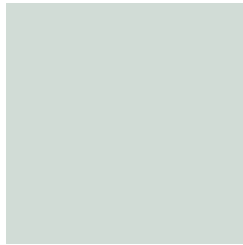
19.3698, 9.7490, 11.5934



1.2981, 0.6489, 0.9789

Previews

White Background



This preview shows how the XYZ color 64.0253, 69.5967, 73.6774 looks on a white background.

Color Contrast Check

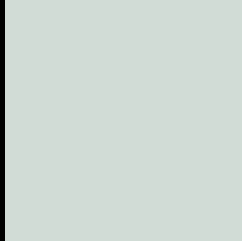
Large Text (above 18pt) WCAG AA × Fail

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 64.0253, 69.5967, 73.6774 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

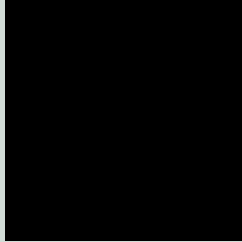
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

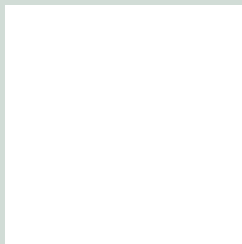
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 64.0253, 69.5967, 73.6774

Background



This preview shows how black text looks on a background with the XYZ color 64.0253, 69.5967, 73.6774.

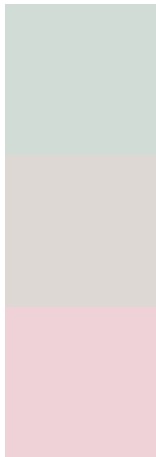


This preview shows how white text looks on a background with the XYZ color 64.0253, 69.5967,

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

64.0253, 69.5967, 73.6774

Protanopia

66.5637, 69.3948, 72.1736

Deuteranopia

70.7012, 69.2282, 74.6018



Tritanopia

66.8155, 69.5633, 87.7474

Trichromacy



Original Color

64.0253, 69.5967, 73.6774

Protanomaly

65.4384, 69.1815, 72.8552

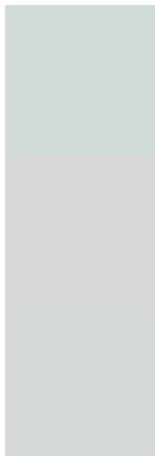
Deuteranomaly

67.9909, 69.3303, 74.0886

Tritanomaly

65.8005, 69.5377, 82.6271

Monochromacy



Original Color

64.0253, 69.5967, 73.6774

Achromatopsia

65.2694, 68.6685, 74.7800

Achromatomaly

64.5192, 68.6781, 74.1457

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.0253, 69.5967, 73.6774 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(209, 220, 214) looks like.

```
.text, #text, p{  
    color:rgb(209, 220, 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(209, 220, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 220, 214) }
```

Border

The CSS property to change the border of an element to XYZ 64.0253, 69.5967, 73.6774 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(209, 220, 214) }
```


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

```
.border{ border-color:rgb(209, 220, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 220, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 220, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 220, 214);  
box-shadow:4px 4px 4px 4px rgb(209, 220,  
214) }
```

Background

The CSS property to change the background color of an element to XYZ 64.0253, 69.5967, 73.6774 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 220, 214) }
```

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

```
.background{ background-color: rgb(209,  
220, 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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