

Converting Colors

XYZ(64.5279, 67.4542, 73.7986)

Have a look what the booklet for
XYZ(64.5279, 67.4542, 73.7986)
contains.

XYZ(64.6312, 67.5984, 73.9313)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

**XYZ(64.6312, 67.5984,
73.9313)**

Conversions

Conversions Part 1

Format	Color
Hex	D8D6D7
RGB	216, 214, 215
RGB Percent	85%, 84%, 84%
CMY	0.1529, 0.1608, 0.1569
CMYK	0.00, 0.01, 0.00, 0.15
HSL	330°, 2%, 84%
HSV	330°, 1%, 85%
XYZ	64.6312, 67.5984, 73.9313
YIQ	214.7120, 0.8710, 0.7350

Conversions

Conversions Part 2

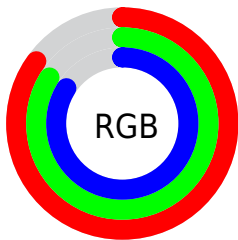
Format	Color
R _Y B	216, 214, 215
Decimal	14210775
CIE Lab	85.81, 0.87, -0.26
CIE LCh	86, 0.904, 343.253
Yxy	67.5984, 0.3135, 0.3279
Android (android.graphics.Color)	4292400855 (0xFFD8D6D7)
YUV	214.7120, 0.1420, 1.1296
Hunter-Lab	82.2182, -3.5643, 4.2387

Details

The XYZ color **64.6312, 67.5984, 73.9313** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **64.5557, 68.3159, 74.0773**, and the grayscale version is **64.3969, 67.7505, 73.7803**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **33.4412, 34.9114, 38.2337** is the 20% darker color. If you saturate the color by 10%, you get **58.1789, 56.8449, 65.1466**, and if you desaturate by 10%, it is **71.9042, 79.8443, 83.4450**.

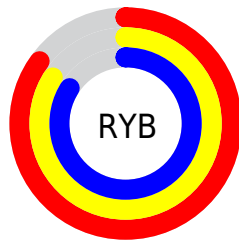
Distribution



Red (85%)

Green (84%)

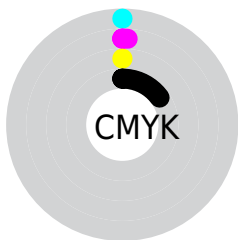
Blue (84%)



Red (85%)

Yellow (84%)

Blue (84%)

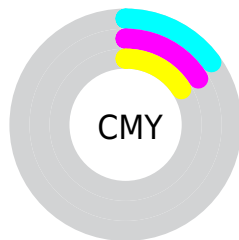


Cyan (0%)

Magenta (1%)

Yellow (0%)

Black (15%)



Cyan (15%)

Magenta (16%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 64.6312, 67.5984, 73.9313 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 64.6312, 67.5984, 73.9313 by changing the saturation by 10% instead.

■ 64.6312, 67.5984,
73.9313

■ 64.6312, 67.5984,
73.9313

431.0317,
452.0718, 493.3933

■ 47.4257, 49.5711,
54.2414

110.5881,
115.7774, 126.5316

■ 33.5817, 35.0727,
38.4002

140.0703,
146.6980, 160.2790

■ 22.7338, 23.7189,
25.9892

174.3753,
182.6850, 199.5493

■ 14.5167, 15.1252,
16.5899

213.8686,
224.1229, 244.7610

■ 8.5650, 8.9073,
9.7836

258.9156,
271.3962, 296.3328

■ 4.5134, 4.6808,
5.1520

309.8815,

■ 1.9965, 2.0612,

324.8892, 354.6830

2.2764

367.1317,
384.9862, 420.2304

■ 0.6320, 0.6427,
0.7180

■ 0.0000, 0.0000,
0.0000

■ 64.6312, 67.5984,
73.9313

■ 64.6312, 67.5984,
73.9313

■ 58.1789, 56.8449,
65.1466

■ 71.9042, 79.8443,
83.4450

■ 52.5114, 47.5177,
57.0677

■ 79.3130, 92.2126,
93.4652

■ 47.5987, 39.5587,
49.6765

■ 80.9392, 92.8631,
102.0283

■ 43.4066, 32.9024,
42.9523

■ 82.1293, 93.3391,
108.2953

■ 39.8981, 27.4779,
36.8732

■ 37.0326, 23.2074,
31.4158

■ 34.7652, 20.0042,
26.5548

■ 33.0446, 17.7693,
22.2625

■ 31.8100, 16.3846,
18.5073

Harmonies

Analogous

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



64.5227, 67.5984, 74.4345



64.6312, 67.5984, 73.9313



64.6375, 67.5984, 73.3428

Triad

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



64.6312, 67.5984, 73.9313



64.1593, 67.5984, 72.5019



63.9615, 67.5984, 74.3851

Complementary

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



64.6312, 67.5984, 73.9313



64.5557, 68.3159, 74.0773

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.



63.8646, 67.5984, 73.8642



64.6312, 67.5984, 73.9313



63.9786, 67.5984, 72.7781

Square

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



64.6312, 67.5984, 73.9313



64.3647, 67.5984, 72.5197



63.8708, 67.5984, 73.2760



64.1359, 67.5984, 74.6974

Rectangle

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



64.6312, 67.5984, 73.9313



64.5828, 67.5984, 72.9814



63.8708, 67.5984, 73.2760



63.9188, 67.5984, 74.2284

Sweetspot

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



64.6331, 67.6013, 73.9328

95.0500, 100.0000, 108.9000



64.4680, 67.5013, 74.5979



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.



64.6331, 67.6013, 73.9328



94.0369, 98.3018, 107.5511



64.5055, 67.5502, 73.2606



13.8634, 14.4984, 15.8576



18.4122, 9.3012, 9.4747



1.1523, 0.5777, 0.7915

Inverse Universe

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



64.6331, 67.6013, 73.9328



94.0369, 98.3018, 107.5511



64.6841, 68.3673, 74.7536



13.8634, 14.4984, 15.8576



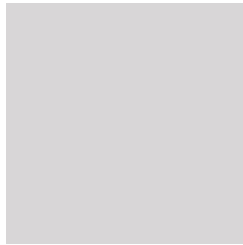
18.4122, 9.3012, 9.4747



1.1523, 0.5777, 0.7915

Previews

White Background



This preview shows how the XYZ color 64.6312, 67.5984, 73.9313 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 64.6312, 67.5984, 73.9313 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

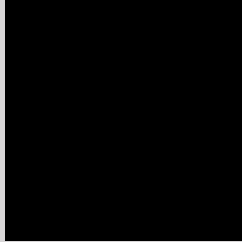
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

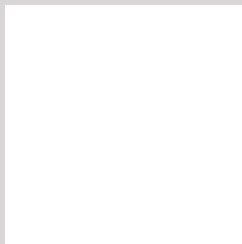
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 64.6312, 67.5984, 73.9313

Background



This preview shows how black text looks on a background with the XYZ color 64.6312, 67.5984, 73.9313.

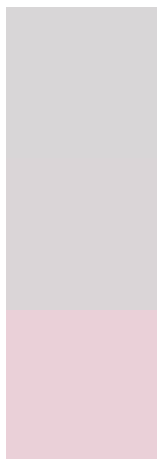


This preview shows how white text looks on a background with the XYZ color 64.6312, 67.5984,

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

64.6312, 67.5984, 73.9313

Protanopia

64.9734, 67.4002, 73.8751

Deuteranopia

68.8822, 67.5620, 74.3760



Tritanopia

66.5998, 67.6495, 83.6762

Trichromacy



Original Color

64.6312, 67.5984, 73.9313

Protanomaly

64.6753, 67.2465, 73.8611

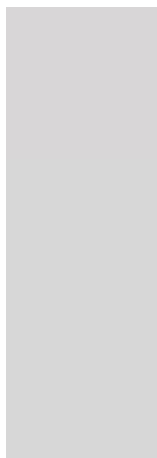
Deuteranomaly

67.1198, 67.3819, 74.4342

Tritanomaly

65.8641, 67.7220, 80.1213

Monochromacy



Original Color

64.6312, 67.5984, 73.9313

Achromatopsia

64.5905, 67.9542, 74.0022

Achromatomaly

64.5905, 67.9542, 74.0022

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.6312, 67.5984, 73.9313 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(216, 214, 215) looks like.

```
.text, #text, p{  
    color:rgb(216, 214, 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(216, 214, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 214, 215) }
```

Border

The CSS property to change the border of an element to XYZ 64.6312, 67.5984, 73.9313 is called "border". The border property can be set on classes, ids or directly on the HTML element.

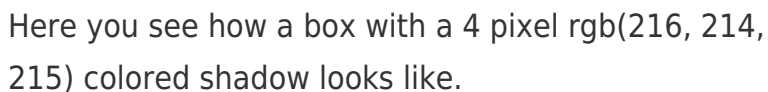
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(216, 214, 215) }
```

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

```
.border{ border-color:rgb(216, 214, 215) }
```

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



Here you see how a box with a 4 pixel `rgb(216, 214, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(216, 214, 215); -webkit-box-shadow:4px 4px 4px 4px rgb(216, 214, 215); box-shadow:4px 4px 4px 4px rgb(216, 214, 215) }
```


Background

The CSS property to change the background color of an element to XYZ 64.6312, 67.5984, 73.9313 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 214, 215) }
```

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

```
.background{ background-color: rgb(216,  
214, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor