

Converting Colors

XYZ(64.3926, 67.8821, 72.9153)

Have a look what the booklet for
XYZ(64.3926, 67.8821, 72.9153)
contains.

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Color

**XYZ(64.3350, 67.8520,
72.6567)**

Conversions

Conversions Part 1

Format	Color
Hex	D7D7D5
RGB	215, 215, 213
RGB Percent	84%, 84%, 84%
CMY	0.1569, 0.1568, 0.1647
CMYK	0.00, 0.00, 0.01, 0.16
HSL	60°, 2%, 84%
HSV	60°, 1%, 84%
XYZ	64.3350, 67.8520, 72.6567
YIQ	214.7720, 0.6420, -0.6220

Conversions

Conversions Part 2

Format	Color
R _Y B	213, 215, 213
Decimal	14145493
CIE Lab	85.93, -0.36, 0.97
CIE LCh	86, 1.038, 110.021
Yxy	67.8520, 0.3141, 0.3312
Android (android.graphics.Color)	4292335573 (0xFFD7D7D5)
YUV	214.7720, -0.8736, 0.2000
Hunter-Lab	82.3723, -4.7383, 5.3637

Details

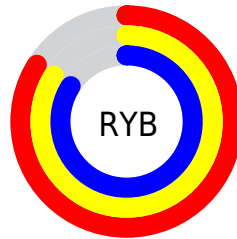
The XYZ color **64.3350, 67.8520, 72.6567** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **63.5031, 66.6427, 73.8097**, and the grayscale version is **64.4441, 67.8002, 73.8345**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **33.2396, 35.0838, 37.3677** is the 20% darker color. If you saturate the color by 10%, you get **61.7743, 66.8286, 59.2231**, and if you desaturate by 10%, it is **67.2614, 69.0260, 87.9989**.

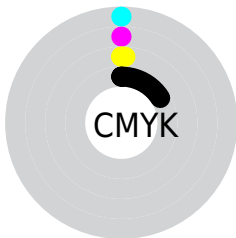
Distribution



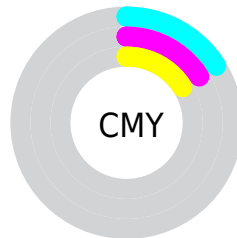
- Red (84%)
- Green (84%)
- Blue (84%)



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



- Cyan (0%)
- Magenta (0%)
- Yellow (1%)
- Black (16%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 64.3350, 67.8520, 72.6567 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 64.3350, 67.8520, 72.6567 by changing the saturation by 10% instead.

■ 64.3350, 67.8520,
72.6567

■ 64.3350, 67.8520,
72.6567

429.9815,
452.9715, 488.8630

■ 47.1848, 49.7773,
53.2052

110.1643,
116.1404, 124.7061

■ 33.3903, 35.2365,
37.5777

139.5740,
147.1229, 158.1411

■ 22.5863, 23.8451,
25.3558

173.8010,
183.1768, 197.0743

■ 14.4073, 15.2188,
16.1209

213.2105,
224.6866, 241.9243

■ 8.4881, 8.9731,
9.4545

258.1680,
272.0365, 293.1097

■ 4.4632, 4.7236,
4.9380

309.0387,

■ 1.9674, 2.0860,

325.6110, 351.0489

2.1528

366.1881,
385.7946, 416.1604

■ 0.6156, 0.6568,
0.6469

■ 0.0000, 0.0000,
0.0000

■ 64.3350, 67.8520,
72.6567

■ 64.3350, 67.8520,
72.6567

■ 61.7743, 66.8286,
59.2231

■ 67.2614, 69.0260,
87.9989

■ 59.5594, 65.9413,
47.6193

■ 70.3993, 70.2825,
104.4632

■ 57.6772, 65.1871,
37.7674

■ 70.4107, 70.2884,
104.4637

■ 56.1116, 64.5595,
29.5823

■ 70.4221, 70.2943,
104.4642

■ 54.8450, 64.0516,
22.9720

■ 70.4335, 70.3002,
104.4648

■ 53.8583, 63.6556,
17.8353

■ 70.4450, 70.3061,
104.4653

■ 53.1299, 63.3629,
14.0594

■ 70.4564, 70.3119,
104.4659

■ 52.6355, 63.1638,
11.5152

■ 70.4678, 70.3178,
104.4664

■ 52.3458, 63.0466,
10.0489

■ 70.4792, 70.3237,
104.4669

Harmonies

Analogous

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



64.5705, 67.8520, 72.5981



64.3350, 67.8520, 72.6567



64.1418, 67.8520, 73.0418

Triad

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



64.3350, 67.8520, 72.6567



64.1982, 67.8520, 74.8865



64.9423, 67.8520, 74.1063

Complementary

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



64.3350, 67.8520, 72.6567



63.5031, 66.6427, 73.8097

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.



64.8420, 67.8520, 74.7232



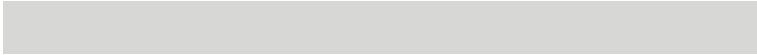
64.3350, 67.8520, 72.6567



64.4121, 67.8520, 75.1755

Square

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



64.3350, 67.8520, 72.6567



64.0630, 67.8520, 74.3282



64.6478, 67.8520, 75.1155



64.9215, 67.8520, 73.4322

Rectangle

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



64.3350, 67.8520, 72.6567



64.0629, 67.8520, 73.4331



64.6478, 67.8520, 75.1155



64.9216, 67.8520, 74.3273

Sweetspot

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



64.3369, 67.8549, 72.6582

95.0500, 100.0000, 108.9000



63.8309, 66.8413, 72.4892



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.



64.3369, 67.8549, 72.6582



94.6404, 99.8360, 106.7520



64.0447, 67.7043, 72.6445



13.9464, 14.7093, 15.7477



31.2294, 37.6757, 5.6262



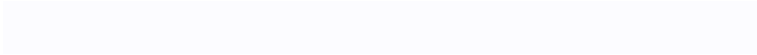
1.8843, 2.2728, 0.3394

Inverse Universe

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



63.5031, 66.6427, 73.8097



93.3116, 97.9042, 108.5871



63.7935, 66.7924, 73.8233



13.7637, 14.4438, 16.0000



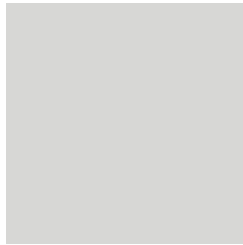
7.3403, 2.9365, 38.6331



0.4435, 0.1775, 2.3302

Previews

White Background



This preview shows how the XYZ color 64.3350, 67.8520, 72.6567 looks on a white background.

Color Contrast Check

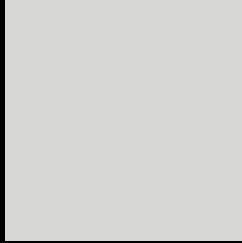
Large Text (above 18pt) WCAG AA × Fail

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 64.3350, 67.8520, 72.6567 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

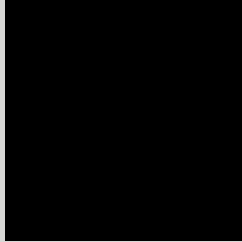
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

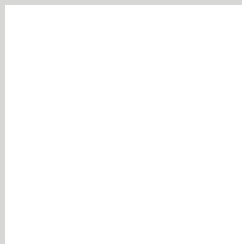
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 64.3350, 67.8520, 72.6567

Background



This preview shows how black text looks on a background with the XYZ color 64.3350, 67.8520, 72.6567.

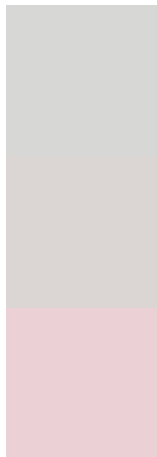


This preview shows how white text looks on a background with the XYZ color 64.3350, 67.8520,

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

64.3350, 67.8520, 72.6567

Protanopia

65.1436, 67.9067, 71.9612

Deuteranopia

68.9544, 67.6290, 73.0377



Tritanopia

66.3016, 67.4958, 83.6623

Trichromacy



Original Color

64.3350, 67.8520, 72.6567

Protanomaly

64.8437, 67.7520, 71.9472

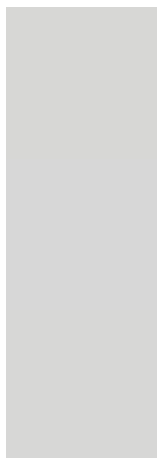
Deuteranomaly

67.4268, 67.9376, 73.1778

Tritanomaly

65.4324, 67.5151, 79.3951

Monochromacy



Original Color

64.3350, 67.8520, 72.6567

Achromatopsia

64.5905, 67.9542, 74.0022

Achromatomaly

64.4624, 67.9030, 73.3274

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.3350, 67.8520, 72.6567 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(215, 215, 213) looks like.

```
.text, #text, p{  
    color:rgb(215, 215, 213)  
}
```

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(215, 215, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 215, 213) }
```

Border

The CSS property to change the border of an element to XYZ 64.3350, 67.8520, 72.6567 is called "border". The border property can be set on classes, ids or directly on the HTML element.

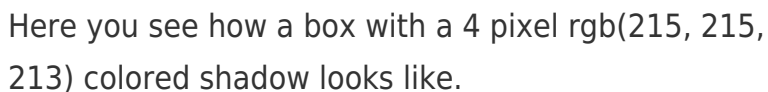
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(215, 215, 213) }
```

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

```
.border{ border-color:rgb(215, 215, 213) }
```

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



Here you see how a box with a 4 pixel `rgb(215, 215, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(215, 215, 213); -webkit-box-shadow:4px 4px 4px 4px rgb(215, 215, 213); box-shadow:4px 4px 4px 4px rgb(215, 215, 213) }
```


Background

The CSS property to change the background color of an element to XYZ 64.3350, 67.8520, 72.6567 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 215, 213) }
```

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

```
.background{ background-color: rgb(215,  
215, 213) }
```

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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