

Converting Colors

XYZ(67.2438, 70.9253, 75.8645)

Have a look what the booklet for
XYZ(67.2438, 70.9253, 75.8645)
contains.

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Color

**XYZ(67.0693, 70.7329,
75.7635)**

Conversions

Conversions Part 1

Format	Color
Hex	DBDBD9
RGB	219, 219, 217
RGB Percent	86%, 86%, 85%
CMY	0.1412, 0.1412, 0.1490
CMYK	0.00, 0.00, 0.01, 0.14
HSL	60°, 3%, 85%
HSV	60°, 1%, 86%
XYZ	67.0693, 70.7329, 75.7635
YIQ	218.7720, 0.6420, -0.6220

Conversions

Conversions Part 2

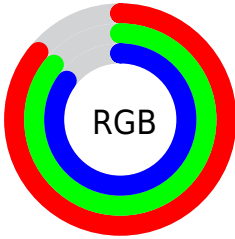
Format	Color
R _Y B	217, 219, 217
Decimal	14408665
CIE Lab	87.36, -0.35, 0.97
CIE LCh	87, 1.034, 110.031
Yxy	70.7329, 0.3140, 0.3312
Android (android.graphics.Color)	4292598745 (0xFFDBDBD9)
YUV	218.7720, -0.8736, 0.2000
Hunter-Lab	84.1029, -4.8320, 5.4610

Details

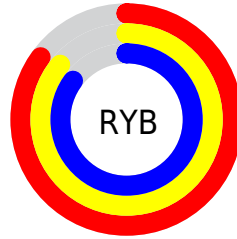
The XYZ color **67.0693, 70.7329, 75.7635** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **66.2171, 69.4938, 76.9452**, and the grayscale version is **67.1812, 70.6799, 76.9704**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **35.1069, 37.0521, 39.4839** is the 20% darker color. If you saturate the color by 10%, you get **64.3948, 69.6638, 61.7421**, and if you desaturate by 10%, it is **70.1259, 71.9594, 91.7790**.

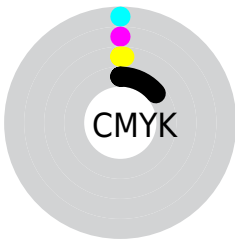
Distribution



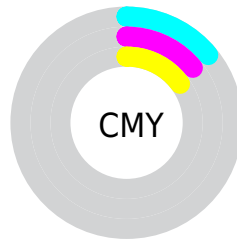
- Red (86%)
- Green (86%)
- Blue (85%)



- Red (85%)
- Yellow (86%)
- Blue (85%)



- Cyan (0%)
- Magenta (0%)
- Yellow (1%)
- Black (14%)



- Cyan (14%)
- Magenta (14%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 67.0693, 70.7329, 75.7635 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 67.0693, 70.7329, 75.7635 by changing the saturation by 10% instead.

■ 67.0693, 70.7329,
75.7635

■ 67.0693, 70.7329,
75.7635

439.6200,
463.1192, 499.8630

■ 49.4119, 52.1243,
55.7331

114.0690,
120.2533, 129.1496

■ 35.1622, 37.1041,
39.5864

144.1419,
151.9339, 163.3423

■ 23.9549, 25.2881,
26.9049

179.0840,
188.7406, 203.0929

■ 15.4247, 16.2918,
17.2700

219.2607,
231.0577, 248.8200

■ 9.2063, 9.7309,
10.2632

265.0372,
279.2698, 300.9420

■ 4.9342, 5.2209,
5.4659

316.7791,

■ 2.2430, 2.3775,

333.7611, 359.8774

2.4597

374.8516,
394.9161, 426.0449

■ 0.7653, 0.8143,
0.8187

■ 0.0000, 0.0000,
0.0000

■ 67.0693, 70.7329,
75.7635

■ 67.0693, 70.7329,
75.7635

■ 64.3948, 69.6638,
61.7421

■ 70.1259, 71.9594,
91.7790

■ 62.0816, 68.7369,
49.6324

■ 72.6241, 72.9602,
104.8628

■ 60.1160, 67.9491,
39.3530

■ 72.6378, 72.9673,
104.8634

■ 58.4811, 67.2935,
30.8150

■ 72.6515, 72.9743,
104.8641

■ 57.1585, 66.7629,
23.9219

■ 72.6652, 72.9814,
104.8647

■ 56.1283, 66.3493,
18.5679

■ 72.6789, 72.9885,
104.8653

■ 55.3679, 66.0435,
14.6350

■ 72.6926, 72.9955,
104.8660

■ 54.8517, 65.8355,
11.9880

■ 72.7063, 73.0026,
104.8666

■ 54.5491, 65.7128,
10.4658

■ 72.7200, 73.0097,
104.8673

Harmonies

Analogous

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



67.3106, 70.7329, 75.7033



67.0693, 70.7329, 75.7635



66.8714, 70.7329, 76.1582

Triad

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



67.0693, 70.7329, 75.7635



66.9293, 70.7329, 78.0481



67.6916, 70.7329, 77.2484

Complementary

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



67.0693, 70.7329, 75.7635



66.2171, 69.4938, 76.9452

Split Complementary

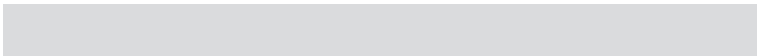
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



67.5889, 70.7329, 77.8805



67.0693, 70.7329, 75.7635



67.1485, 70.7329, 78.3440

Square

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



67.0693, 70.7329, 75.7635



66.7907, 70.7329, 77.4762



67.3900, 70.7329, 78.2824



67.6702, 70.7329, 76.5579

Rectangle

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



67.0693, 70.7329, 75.7635



66.7905, 70.7329, 76.5592



67.3900, 70.7329, 78.2824



67.6704, 70.7329, 77.4748

Sweetspot

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



67.0713, 70.7359, 75.7650

95.0500, 100.0000, 108.9000



66.5529, 69.6972, 75.5919



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.



67.0713, 70.7359, 75.7650



94.6402, 99.8358, 106.7520



66.7720, 70.5816, 75.7510



14.6612, 15.4635, 16.5543



32.2628, 38.9296, 5.8137



2.0910, 2.5225, 0.3767

Inverse Universe

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



66.2171, 69.4938, 76.9452



93.3119, 97.9043, 108.5871



66.5146, 69.6472, 76.9591



14.4687, 15.1835, 16.8203



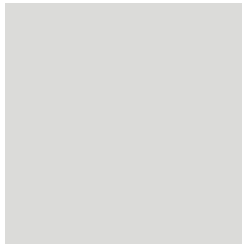
7.5861, 3.0350, 39.9244



0.4924, 0.1971, 2.5865

Previews

White Background



This preview shows how the XYZ color 67.0693, 70.7329, 75.7635 looks on a white background.

Color Contrast Check

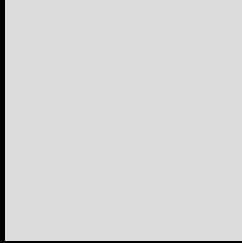
Large Text (above 18pt) WCAG AA × Fail

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 67.0693, 70.7329, 75.7635 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

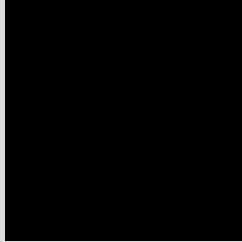
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

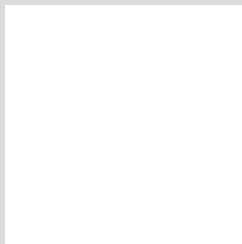
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 67.0693, 70.7329, 75.7635

Background



This preview shows how black text looks on a background with the XYZ color 67.0693, 70.7329, 75.7635.

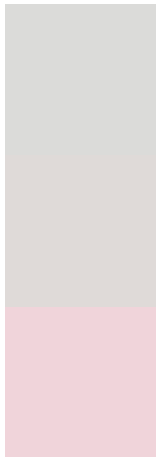


This preview shows how white text looks on a background with the XYZ color 67.0693, 70.7329,

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

67.0693, 70.7329, 75.7635

Protanopia

67.8975, 70.7887, 75.0507

Deuteranopia

72.1336, 70.6742, 76.1693



Tritanopia

69.5314, 70.5818, 87.8009

Trichromacy



Original Color

67.0693, 70.7329, 75.7635

Protanomaly

67.5903, 70.6303, 75.0364

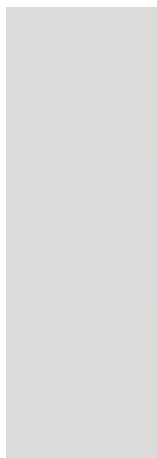
Deuteranomaly

70.2340, 70.8186, 76.2973

Tritanomaly

68.6352, 70.5993, 83.4083

Monochromacy



Original Color

67.0693, 70.7329, 75.7635

Achromatopsia

67.3311, 70.8376, 77.1421

Achromatomaly

67.1998, 70.7851, 76.4507

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.0693, 70.7329, 75.7635 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(219, 219, 217) looks like.

```
.text, #text, p{  
    color:rgb(219, 219, 217)  
}
```

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(219, 219, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 219, 217) }
```

Border

The CSS property to change the border of an element to XYZ 67.0693, 70.7329, 75.7635 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(219, 219, 217) }
```

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

```
.border{ border-color:rgb(219, 219, 217) }
```

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

Here you see how a box with a 4 pixel rgb(219, 219, 217) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 219, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 219, 217);  
box-shadow:4px 4px 4px 4px rgb(219, 219,  
217) }
```


Background

The CSS property to change the background color of an element to XYZ 67.0693, 70.7329, 75.7635 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 219, 217) }
```

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

```
.background{ background-color: rgb(219,  
219, 217) }
```

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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