

Converting Colors

XYZ(67.2185, 67.8236, 70.8768)

Have a look what the booklet for
XYZ(67.2185, 67.8236, 70.8768)
contains.

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Color

**XYZ(67.3652, 67.9497,
71.1931)**

Conversions

Conversions Part 1

Format	Color
Hex	E5D3D3
RGB	229, 211, 211
RGB Percent	90%, 83%, 83%
CMY	0.1020, 0.1725, 0.1725
CMYK	0.00, 0.08, 0.08, 0.10
HSL	0°, 26%, 86%
HSV	0°, 8%, 90%
XYZ	67.3652, 67.9497, 71.1931
YIQ	216.3820, 10.7280, 3.8160

Conversions

Conversions Part 2

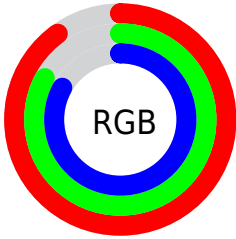
Format	Color
R _Y B	229, 211, 211
Decimal	15061971
CIE Lab	85.98, 6.22, 2.24
CIE LCh	86, 6.612, 19.808
Yxy	67.9497, 0.3262, 0.3290
Android (android.graphics.Color)	4293252051 (0xFFE5D3D3)
YUV	216.3820, -2.6533, 11.0660
Hunter-Lab	82.4316, 1.6194, 6.4956

Details

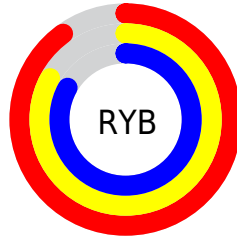
The XYZ color **67.3652, 67.9497, 71.1931** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **69.0258, 75.5432, 85.0727**, and the grayscale version is **65.5447, 68.9581, 75.0954**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **35.3764, 35.4325, 36.8729** is the 20% darker color. If you saturate the color by 10%, you get **59.4083, 56.3071, 55.3715**, and if you desaturate by 10%, it is **76.5450, 81.3820, 89.4417**.

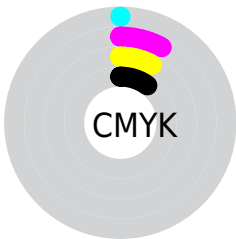
Distribution



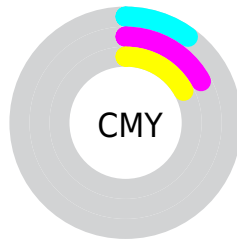
- Red (90%)
- Green (83%)
- Blue (83%)



- Red (90%)
- Yellow (83%)
- Blue (83%)



- Cyan (0%)
- Magenta (8%)
- Yellow (8%)
- Black (10%)



- Cyan (10%)
- Magenta (17%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 67.3652, 67.9497, 71.1931 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 67.3652, 67.9497, 71.1931 by changing the saturation by 10% instead.

67.3652, 67.9497,
71.1931

67.3652, 67.9497,
71.1931

440.6557,
453.3178, 483.6300

49.6533, 49.8568,
52.0170

114.4905,
116.2802, 122.6057

35.3546, 35.2996,
36.6363

144.6345,
147.2866, 155.6792

24.1040, 23.8938,
24.6324

179.6533,
183.3662, 194.2223

15.5359, 15.2548,
15.5869

219.9121,
224.9036, 238.6535

9.2851, 8.9984,
9.0811

265.7764,
272.2830, 289.3913

4.9862, 4.7402,
4.6966

317.6116,

2.2739, 2.0956,

325.8890, 346.8543

2.0148

375.7829,
386.1057, 411.4610

■ 0.7812, 0.6622,
0.5643

■ 0.0000, 0.0000,
0.0000

■ 67.3652, 67.9497,
71.1931

■ 67.3652, 67.9497,
71.1931

■ 59.4083, 56.3071,
55.3715

■ 76.5450, 81.3820,
89.4417

■ 52.6173, 46.3702,
41.8706

■ 86.1234, 95.3982,
108.4822

■ 46.9393, 38.0618,
30.5826

■ 42.3149, 31.2950,
21.3896

■ 38.6793, 25.9749,
14.1627

■ 35.9606, 21.9963,
8.7587

■ 34.0769, 19.2396,
5.0151

■ 32.9322, 17.5643,
2.7407

■ 32.3940, 16.7764,
1.6715

Harmonies

Analogous

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



67.4953, 67.9497, 75.4725



67.3652, 67.9497, 71.1931



66.4834, 67.9497, 67.7910

Triad

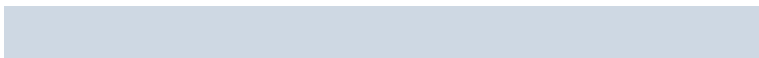
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



67.3652, 67.9497, 71.1931



62.3833, 67.9497, 68.7286



64.0698, 67.9497, 82.5087

Complementary

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



67.3652, 67.9497, 71.1931



69.0258, 75.5432, 85.0727

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.



62.7215, 67.9497, 80.5466



67.3652, 67.9497, 71.1931



61.7579, 67.9497, 72.5185

Square

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



67.3652, 67.9497, 71.1931



63.6016, 67.9497, 66.4072



61.8807, 67.9497, 76.8503



65.5768, 67.9497, 82.1198

Rectangle

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



67.3652, 67.9497, 71.1931



65.5954, 67.9497, 66.4250



61.8807, 67.9497, 76.8503



63.5834, 67.9497, 82.0993

Sweetspot

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



67.3671, 67.9527, 71.1946



92.6345, 96.4656, 104.0977



69.7510, 68.9046, 83.7531



19.8529, 20.6846, 22.3315



0.0000, 0.0000, 0.0000



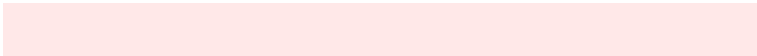
20.3446, 21.4041, 23.3091

Same Dimension

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



67.3671, 67.9527, 71.1946



84.6847, 84.8333, 88.2923



69.6650, 72.5484, 71.9605



14.3773, 14.3685, 14.9201



18.4755, 9.5251, 0.8648



1.3654, 0.7041, 0.0639

Inverse Universe

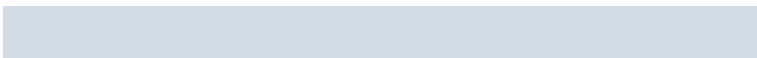
The Inverse Universe completely reimagines the original color for something new.



69.0258, 75.5432, 85.0727



87.1033, 95.9009, 108.5276



66.6009, 70.6933, 84.2644



14.8072, 16.3359, 18.5170



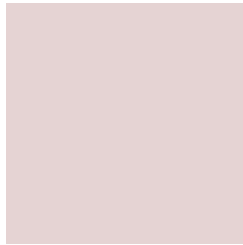
24.0983, 35.2586, 47.9187



1.7809, 2.6057, 3.5411

Previews

White Background



This preview shows how the XYZ color 67.3652, 67.9497, 71.1931 looks on a white background.

Color Contrast Check

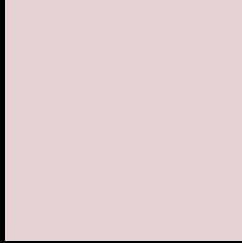
Large Text (above 18pt) WCAG AA × Fail

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 67.3652, 67.9497, 71.1931 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

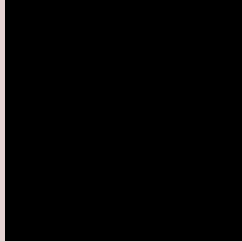
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

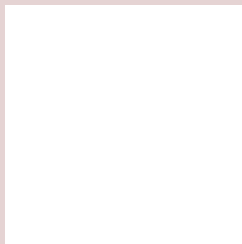
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 67.3652, 67.9497, 71.1931

Background



This preview shows how black text looks on a background with the XYZ color 67.3652, 67.9497, 71.1931.



This preview shows how white text looks on a background with the XYZ color 67.3652, 67.9497,

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

67.3652, 67.9497, 71.1931

Protanopia

65.2702, 67.9573, 72.6278

Deuteranopia

69.3646, 67.8697, 71.7316



Tritanopia

69.3461, 68.0261, 80.7096

Trichromacy



Original Color

67.3652, 67.9497, 71.1931

Protanomaly

66.1093, 68.0299, 71.9341

Deuteranomaly

68.6158, 67.8468, 71.7667

Tritanomaly

68.5980, 68.0835, 77.2361

Monochromacy



Original Color

67.3652, 67.9497, 71.1931

Achromatopsia

65.2694, 68.6685, 74.7800

Achromatomaly

66.0030, 68.3203, 73.3267

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.3652, 67.9497, 71.1931 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(229, 211, 211) looks like.

```
.text, #text, p{  
    color:rgb(229, 211, 211)  
}
```

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(229, 211, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 211, 211) }
```

Border

The CSS property to change the border of an element to XYZ 67.3652, 67.9497, 71.1931 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(229, 211, 211) }
```


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

```
.border{ border-color:rgb(229, 211, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 211, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 211, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 211, 211);  
box-shadow:4px 4px 4px 4px rgb(229, 211,  
211) }
```

Background

The CSS property to change the background color of an element to XYZ 67.3652, 67.9497, 71.1931 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 211, 211) }
```

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

```
.background{ background-color: rgb(229,  
211, 211) }
```

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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