

Converting Colors

XYZ(72.7464, 73.3435, 82.6347)

Have a look what the booklet for
XYZ(72.7464, 73.3435, 82.6347)
contains.

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Color

**XYZ(72.8009, 73.5327,
83.0293)**

Conversions

Conversions Part 1

Format	Color
Hex	E9DBE3
RGB	233, 219, 227
RGB Percent	91%, 86%, 89%
CMY	0.0863, 0.1412, 0.1098
CMYK	0.00, 0.06, 0.03, 0.09
HSL	326°, 24%, 89%
HSV	326°, 6%, 91%
XYZ	72.8009, 73.5327, 83.0293
YIQ	224.0980, 5.7760, 5.4560

Conversions

Conversions Part 2

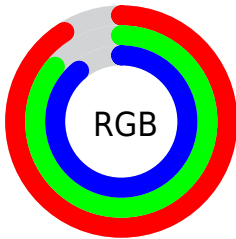
Format	Color
R _Y B	233, 219, 227
Decimal	15326179
CIE Lab	88.70, 6.18, -2.20
CIE LCh	89, 6.559, 340.393
Yxy	73.5327, 0.3174, 0.3206
Android (android.graphics.Color)	4293516259 (0xFFE9DBE3)
YUV	224.0980, 1.4307, 7.8071
Hunter-Lab	85.7512, 1.4780, 2.6178

Details

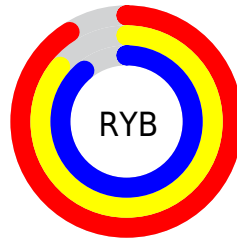
The XYZ color **72.8009, 73.5327, 83.0293** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **71.9457, 78.7760, 82.6513**, and the grayscale version is **70.9105, 74.6034, 81.2431**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.8533, 38.8766, 44.4859** is the 20% darker color. If you saturate the color by 10%, you get **65.8043, 61.6814, 74.0921**, and if you desaturate by 10%, it is **80.7325, 87.1240, 92.6746**.

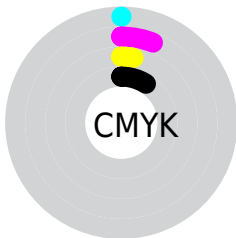
Distribution



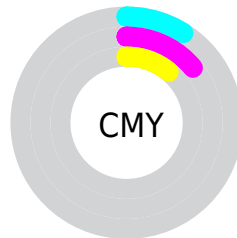
- Red (91%)
- Green (86%)
- Blue (89%)



- Red (91%)
- Yellow (86%)
- Blue (89%)



- Cyan (0%)
- Magenta (6%)
- Yellow (3%)
- Black (9%)



- Cyan (9%)
- Magenta (14%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 72.8009, 73.5327, 83.0293 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 72.8009, 73.5327, 83.0293 by changing the saturation by 10% instead.

72.8009, 73.5327,
83.0293

72.8009, 73.5327,
83.0293

459.4390,
472.8590, 525.0577

54.1010, 54.4117,
61.6736

122.1992,
124.2332, 139.4661

38.9134, 38.9309,
44.3349

153.6282,
156.5814, 175.3842

26.8728, 26.7060,
30.5948

190.0311,
194.1074, 216.9936

17.6138, 17.3525,
20.0346

231.7730,
237.1957, 264.7128

10.7711, 10.4861,
12.2359

279.2194,
286.2306, 318.9602

5.9793, 5.7225,
6.7800

332.7356,

2.8730, 2.6771,

341.5965, 380.1545

3.2486

392.6870,
403.6778, 448.7141

■ 1.0870, 0.9656,
1.2229

■ 0.0142, 0.0000,
0.0000

■ 72.8009, 73.5327,
83.0293

■ 72.8009, 73.5327,
83.0293

■ 65.8043, 61.6814,
74.0921

■ 80.7325, 87.1240,
92.6746

■ 59.7000, 51.4896,
65.8394

■ 86.1499, 95.5579,
101.8820

■ 54.4510, 42.8849,
58.2530

■ 87.4147, 96.0639,
108.5427

■ 50.0154, 35.7857,
51.3120

■ 46.3476, 30.1028,
44.9939

■ 43.3971, 25.7381,
39.2745

■ 41.1072, 22.5801,
34.1273

■ 39.4116, 20.4993,
29.5223

■ 38.2287, 19.3350,
25.4241

Harmonies

Analogous

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



71.8841, 73.5327, 86.8976



72.8009, 73.5327, 83.0293



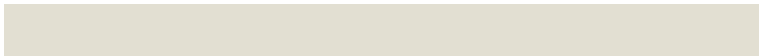
72.9312, 73.5327, 78.5005

Triad

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



72.8009, 73.5327, 83.0293



69.3423, 73.5327, 71.7831



67.5952, 73.5327, 85.8546

Complementary

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



72.8009, 73.5327, 83.0293



71.9457, 78.7760, 82.6513

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.



66.9358, 73.5327, 81.6494



72.8009, 73.5327, 83.0293



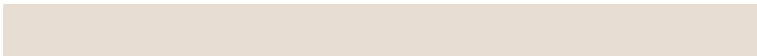
67.9343, 73.5327, 73.5996

Square

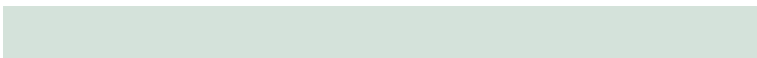
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



72.8009, 73.5327, 83.0293



70.9183, 73.5327, 72.1211



67.0590, 73.5327, 77.1713



68.8729, 73.5327, 88.5710

Rectangle

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



72.8009, 73.5327, 83.0293



72.5524, 73.5327, 75.7297



67.0590, 73.5327, 77.1713



67.2947, 73.5327, 84.5619

Sweetspot

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



72.8030, 73.5359, 83.0309



93.0945, 96.6491, 106.5215



71.0417, 72.5305, 87.3473



19.9466, 20.7220, 22.8250



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.



72.8030, 73.5359, 83.0309



88.4099, 88.6522, 100.7294



71.8787, 73.1662, 78.1636



15.7265, 15.7086, 17.9079



21.5380, 10.8179, 13.9002



1.7393, 0.8687, 1.3445

Inverse Universe

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



72.8030, 73.5359, 83.0309



88.4099, 88.6522, 100.7294



72.8964, 79.1563, 87.6578



15.7265, 15.7086, 17.9079



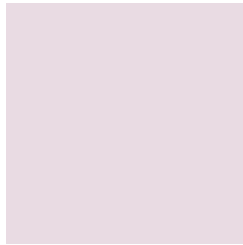
21.5380, 10.8179, 13.9002



1.7393, 0.8687, 1.3445

Previews

White Background



This preview shows how the XYZ color 72.8009, 73.5327, 83.0293 looks on a white background.

Color Contrast Check

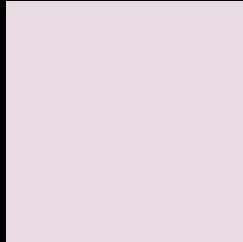
Large Text (above 18pt) WCAG AA × Fail

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 72.8009, 73.5327, 83.0293 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

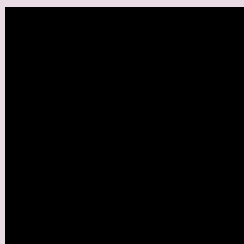
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

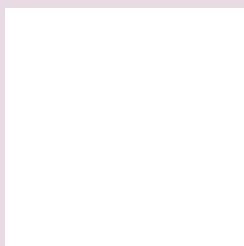
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 72.8009, 73.5327, 83.0293

Background



This preview shows how black text looks on a background with the XYZ color 72.8009, 73.5327, 83.0293.

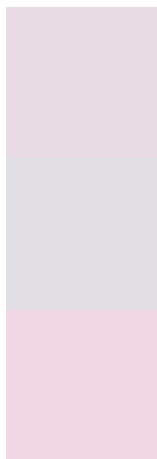


This preview shows how white text looks on a background with the XYZ color 72.8009, 73.5327,

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

72.8009, 73.5327, 83.0293

Protanopia

71.1762, 73.8515, 83.9022

Deuteranopia

75.1774, 73.5904, 83.6409



Tritanopia

73.9985, 73.6334, 88.9098

Trichromacy



Original Color

72.8009, 73.5327, 83.0293

Protanomaly

71.8550, 73.8083, 83.8581

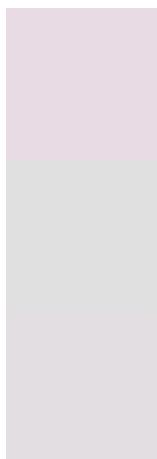
Deuteranomaly

74.4130, 73.5779, 83.6787

Tritanomaly

73.5686, 73.4614, 86.6459

Monochromacy



Original Color

72.8009, 73.5327, 83.0293

Achromatopsia

70.8507, 74.5404, 81.1745

Achromatomaly

71.3904, 74.0097, 81.7568

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.8009, 73.5327, 83.0293 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(233, 219, 227) looks like.

```
.text, #text, p{  
    color:rgb(233, 219, 227)  
}
```

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(233, 219, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 219, 227) }
```

Border

The CSS property to change the border of an element to XYZ 72.8009, 73.5327, 83.0293 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(233, 219, 227) }
```


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

```
.border{ border-color:rgb(233, 219, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 219, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 219, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 219, 227);  
box-shadow:4px 4px 4px 4px rgb(233, 219,  
227) }
```

Background

The CSS property to change the background color of an element to XYZ 72.8009, 73.5327, 83.0293 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 219, 227) }
```

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

```
.background{ background-color: rgb(233,  
219, 227) }
```

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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