

Converting Colors

XYZ(68.9087, 71.7992, 65.2287)

Have a look what the booklet for
XYZ(68.9087, 71.7992, 65.2287)
contains.

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Color

**XYZ(69.1528, 72.0359,
65.5179)**

Conversions

Conversions Part 1

Format	Color
Hex	E8DBC9
RGB	232, 219, 201
RGB Percent	91%, 86%, 79%
CMY	0.0902, 0.1412, 0.2118
CMYK	0.00, 0.06, 0.13, 0.09
HSL	35°, 40%, 85%
HSV	35°, 13%, 91%
XYZ	69.1528, 72.0359, 65.5179
YIQ	220.8350, 13.5260, -2.8420

Conversions

Conversions Part 2

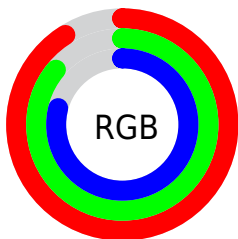
Format	Color
R_{YB}	223, 232, 201
Decimal	15260617
CIE _{Lab}	87.99, 1.49, 10.44
CIE _{LCh}	88, 10.543, 81.879
Yxy	72.0359, 0.3345, 0.3485
Android (android.graphics.Color)	4293450697 (0xFFE8DBC9)
YUV	220.8350, -9.7787, 9.7917
Hunter-Lab	84.8740, -3.0929, 13.6432

Details

The XYZ color **69.1528, 72.0359, 65.5179** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **62.6991, 66.3353, 85.8438**, and the grayscale version is **68.6729, 72.2493, 78.6794**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **36.4464, 37.8876, 32.9959** is the 20% darker color. If you saturate the color by 10%, you get **64.1642, 66.1009, 51.3920**, and if you desaturate by 10%, it is **74.7059, 78.4387, 81.8673**.

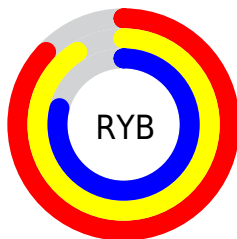
Distribution



Red (91%)

Green (86%)

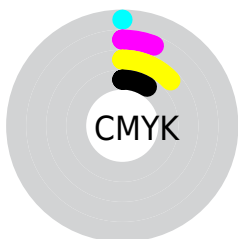
Blue (79%)



Red (87%)

Yellow (91%)

Blue (79%)

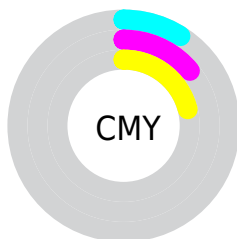


Cyan (0%)

Magenta (6%)

Yellow (13%)

Black (9%)



Cyan (9%)

Magenta (14%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.1528, 72.0359, 65.5179 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 69.1528, 72.0359, 65.5179 by changing the saturation by 10% instead.

69.1528, 72.0359,
65.5179

69.1528, 72.0359,
65.5179

446.8827,
467.6665, 463.0078

51.1133, 53.1880,
47.4271

117.0327,
122.1076, 114.4145

36.5202, 37.9529,
33.0167

147.6037,
154.1001, 146.0574

25.0082, 25.9461,
21.8680

183.0826,
191.2430, 183.0548

16.2119, 16.7833,
13.5626

223.8347,
233.9207, 225.8252

9.7660, 10.0801,
7.6818

270.2255,
282.5175, 274.7872

5.3052, 5.4521,
3.8072

322.6201,

2.4640, 2.5149,

337.4178, 330.3593

1.5202

381.3841,
399.0060, 392.9599

■ 0.8771, 0.8841,
0.2329

■ 0.0000, 0.0000,
0.0000

■ 69.1528, 72.0359,
65.5179

■ 69.1528, 72.0359,
65.5179

■ 64.1642, 66.1009,
51.3920

■ 74.7059, 78.4387,
81.8673

■ 59.7132, 60.6117,
39.3872

■ 80.8372, 85.3116,
100.5273

■ 55.7794, 55.5584,
29.3996

■ 84.9524, 91.6229,
107.8153

■ 52.3386, 50.9273,
21.3150

■ 87.0889, 95.8959,
108.5274

■ 49.3644, 46.7032,
15.0074

■ 46.8272, 42.8700,
10.3356

■ 44.6934, 39.4095,
7.1362

■ 42.9226, 36.3008,
5.2115

■ 41.9074, 34.4128,
4.4336

Harmonies

Analogous

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



71.4943, 72.0359, 68.0445



69.1528, 72.0359, 65.5179



66.6832, 72.0359, 66.2818

Triad

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



69.1528, 72.0359, 65.5179



64.0814, 72.0359, 83.7053



72.3399, 72.0359, 87.2912

Complementary

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



69.1528, 72.0359, 65.5179



62.6991, 66.3353, 85.8438

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.



70.2843, 72.0359, 91.9895



69.1528, 72.0359, 65.5179



65.5283, 72.0359, 89.8325

Square

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



69.1528, 72.0359, 65.5179



63.7952, 72.0359, 76.4962



67.7877, 72.0359, 92.9469



73.3635, 72.0359, 80.4060

Rectangle

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



69.1528, 72.0359, 65.5179



65.2929, 72.0359, 68.5764



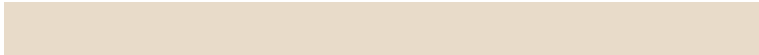
67.7877, 72.0359, 92.9469



71.7443, 72.0359, 89.1956

Sweetspot

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



69.1548, 72.0391, 65.5194



92.1020, 96.6625, 100.0296



66.3591, 63.8072, 72.7282



19.5977, 20.5577, 21.0645



0.0000, 0.0000, 0.0000



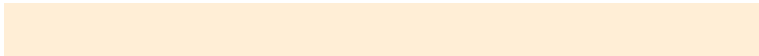
20.3446, 21.4041, 23.3091

Same Dimension

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



69.1548, 72.0391, 65.5194



83.9476, 87.2141, 76.1618



72.0116, 78.7428, 66.6628



15.0688, 15.7516, 15.1506



23.3924, 19.3590, 2.5037



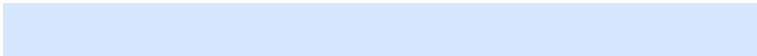
1.8200, 1.6133, 0.2155

Inverse Universe

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



62.6991, 66.3353, 85.8438



74.5009, 78.8681, 105.9042



60.0998, 60.3064, 84.8171



14.0768, 14.8750, 18.2736



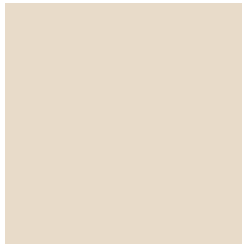
10.5906, 8.2433, 43.4161



0.8727, 0.7894, 3.2383

Previews

White Background



This preview shows how the XYZ color 69.1528, 72.0359, 65.5179 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 69.1528, 72.0359, 65.5179 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

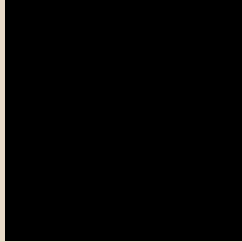
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

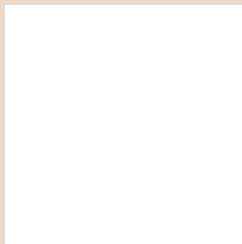
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 69.1528, 72.0359, 65.5179

Background



This preview shows how black text looks on a background with the XYZ color 69.1528, 72.0359, 65.5179.



This preview shows how white text looks on a background with the XYZ color 69.1528, 72.0359,

65.5179.

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

69.1528, 72.0359, 65.5179

Protanopia

68.4489, 72.0615, 65.5599

Deuteranopia

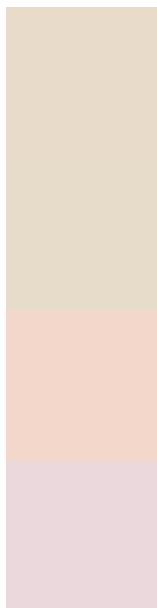
73.5218, 71.9925, 65.8980



Tritanopia

73.3163, 72.2033, 85.6737

Trichromacy



Original Color

69.1528, 72.0359, 65.5179

Protanomaly

68.7689, 72.2264, 65.5749

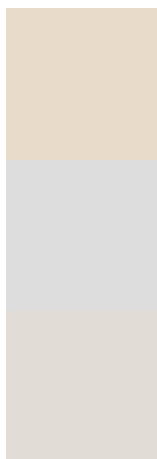
Deuteranomaly

71.9233, 71.9198, 65.9683

Tritanomaly

71.7351, 71.9412, 77.8153

Monochromacy



Original Color

69.1528, 72.0359, 65.5179

Achromatopsia

68.7264, 72.3055, 78.7407

Achromatomaly

68.7821, 72.0490, 73.9000

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.1528, 72.0359, 65.5179 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(232, 219, 201)` looks like.

```
.text, #text, p{  
    color:rgb(232, 219, 201)  
}
```

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(232, 219, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 219, 201) }
```

Border

The CSS property to change the border of an element to XYZ 69.1528, 72.0359, 65.5179 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(232, 219, 201) }
```


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

```
.border{ border-color:rgb(232, 219, 201) }
```

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

Here you see how a box with a 4 pixel rgb(232, 219, 201) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 219, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 219, 201);  
box-shadow:4px 4px 4px 4px rgb(232, 219,  
201) }
```

Background

The CSS property to change the background color of an element to XYZ 69.1528, 72.0359, 65.5179 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 219, 201) }
```

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

```
.background{ background-color: rgb(232,  
219, 201) }
```

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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