

Converting Colors

XYZ(67.5091, 72.5088, 66.2905)

Have a look what the booklet for
XYZ(67.5091, 72.5088, 66.2905)
contains.

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Color

**XYZ(67.5224, 72.3541,
66.2840)**

Conversions

Conversions Part 1

Format	Color
Hex	E0DECA
RGB	224, 222, 202
RGB Percent	88%, 87%, 79%
CMY	0.1216, 0.1294, 0.2078
CMYK	0.00, 0.01, 0.10, 0.12
HSL	55°, 26%, 84%
HSV	55°, 10%, 88%
XYZ	67.5224, 72.3541, 66.2840
YIQ	220.3180, 7.6120, -5.7960

Conversions

Conversions Part 2

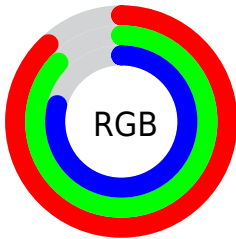
Format	Color
R_{YB}	204, 224, 202
Decimal	14737098
CIE _{Lab}	88.14, -2.73, 10.05
CIE _{LCh}	88, 10.411, 105.213
Yxy	72.3541, 0.3275, 0.3510
Android (android.graphics.Color)	4292927178 (0xFFE0DECA)
YUV	220.3180, -9.0308, 3.2291
Hunter-Lab	85.0612, -7.1621, 13.3411

Details

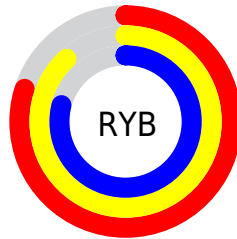
The XYZ color **67.5224, 72.3541, 66.2840** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **59.4044, 61.1230, 79.1887**, and the grayscale version is **68.3087, 71.8660, 78.2621**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **35.5262, 38.2106, 33.5199** is the 20% darker color. If you saturate the color by 10%, you get **64.5247, 70.2991, 53.1358**, and if you desaturate by 10%, it is **70.9156, 74.5825, 81.4652**.

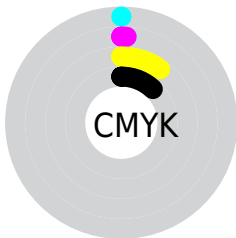
Distribution



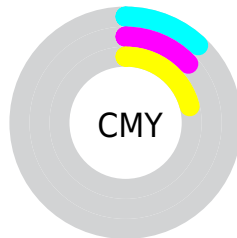
- Red (88%)
- Green (87%)
- Blue (79%)



- Red (80%)
- Yellow (88%)
- Blue (79%)



- Cyan (0%)
- Magenta (1%)
- Yellow (10%)
- Black (12%)



- Cyan (12%)
- Magenta (13%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 67.5224, 72.3541, 66.2840 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 67.5224, 72.3541, 66.2840 by changing the saturation by 10% instead.

67.5224, 72.3541,
66.2840

67.5224, 72.3541,
66.2840

441.2053,
468.7732, 465.8238

49.7815, 53.4480,
48.0450

114.7143,
122.5598, 115.5247

35.4569, 38.1605,
33.5023

144.8961,
154.6282, 147.3636

24.1832, 26.1073,
22.2373

179.9555,
191.8529, 184.5729

15.5951, 16.9039,
13.8314

220.2580,
234.6181, 227.5710

9.3271, 10.1660,
7.8661

266.1688,
283.3084, 276.7767

5.0140, 5.5092,
3.9228

318.0534,

2.2903, 2.5490,

338.3080, 332.6083

1.5831

376.2771,
400.0015, 395.4845

■ 0.7897, 0.9011,
0.2787

■ 0.0000, 0.0000,
0.0000

■ 67.5224, 72.3541,
66.2840

■ 67.5224, 72.3541,
66.2840

■ 64.5247, 70.2991,
53.1358

■ 70.9156, 74.5825,
81.4652

■ 61.9001, 68.4013,
41.9288

■ 74.7139, 76.9810,
98.7564

■ 59.6328, 66.6567,
32.5715

■ 76.5620, 78.6099,
105.7457

■ 57.7035, 65.0577,
24.9627

■ 77.1246, 79.7351,
105.9332

■ 56.0914, 63.5958,
18.9920

■ 77.6938, 80.8735,
106.1230

■ 54.7728, 62.2615,
14.5361

■ 78.2696, 82.0251,
106.3149

■ 53.7212, 61.0443,
11.4543

■ 78.8520, 83.1900,
106.5091

■ 52.9048, 59.9312,
9.5797

■ 79.4411, 84.3682,
106.7054

■ 52.2691, 58.9005,
8.6256

■ 80.0369, 85.5598,
106.9040

Harmonies

Analogous

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



69.9988, 72.3541, 66.2605



67.5224, 72.3541, 66.2840



65.4300, 72.3541, 69.5165

Triad

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



67.5224, 72.3541, 66.2840



65.4544, 72.3541, 88.9130



73.5014, 72.3541, 82.3308

Complementary

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



67.5224, 72.3541, 66.2840



59.4044, 61.1230, 79.1887

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.



72.2226, 72.3541, 88.8348



67.5224, 72.3541, 66.2840



67.5564, 72.3541, 92.7878

Square

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



67.5224, 72.3541, 66.2840



64.2557, 72.3541, 82.4323



70.0337, 72.3541, 92.7583



73.4917, 72.3541, 75.2397

Rectangle

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



67.5224, 72.3541, 66.2840



64.5171, 72.3541, 73.1747



70.0337, 72.3541, 92.7583



73.2066, 72.3541, 84.6672

Sweetspot

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



67.5244, 72.3573, 66.2856



93.6216, 99.0751, 102.4681



62.7850, 62.4586, 66.0002



19.9590, 21.1540, 21.5737



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.



67.5244, 72.3573, 66.2856



89.6298, 96.4254, 84.6937



65.4003, 72.0537, 66.3389



14.7599, 15.8058, 14.5797



30.4623, 34.3625, 5.0271



2.1430, 2.4449, 0.3590

Inverse Universe

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



59.4044, 61.1230, 79.1887



76.4317, 78.1656, 105.6668



61.3827, 61.4433, 79.1462



13.0515, 13.4422, 17.2944



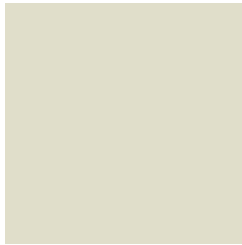
8.0162, 3.5020, 41.3018



0.5905, 0.3125, 2.8744

Previews

White Background



This preview shows how the XYZ color 67.5224, 72.3541, 66.2840 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 67.5224, 72.3541, 66.2840 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

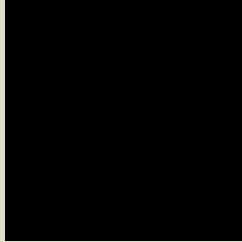
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

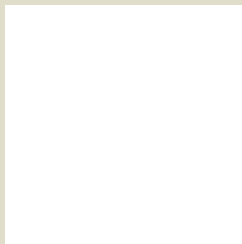
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 67.5224, 72.3541, 66.2840

Background



This preview shows how black text looks on a background with the XYZ color 67.5224, 72.3541, 66.2840.



This preview shows how white text looks on a background with the XYZ color 67.5224, 72.3541,

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

67.5224, 72.3541, 66.2840

Protanopia

68.7689, 72.2264, 65.5749

Deuteranopia

73.7603, 72.0879, 67.1535



Tritanopia

71.9772, 72.2242, 87.9890

Trichromacy



Original Color

67.5224, 72.3541, 66.2840

Protanomaly

68.3940, 72.4239, 65.6328

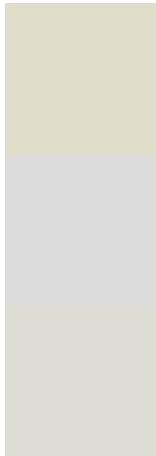
Deuteranomaly

71.2705, 71.9488, 66.6311

Tritanomaly

70.1949, 72.2679, 79.3567

Monochromacy



Original Color

67.5224, 72.3541, 66.2840

Achromatopsia

68.0267, 71.5694, 77.9390

Achromatomaly

67.6855, 71.8892, 73.2594

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.5224, 72.3541, 66.2840 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(224, 222, 202) looks like.

```
.text, #text, p{  
    color:rgb(224, 222, 202)  
}
```

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(224, 222, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 222, 202) }
```

Border

The CSS property to change the border of an element to XYZ 67.5224, 72.3541, 66.2840 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(224, 222, 202) }
```


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

```
.border{ border-color:rgb(224, 222, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 222, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 222, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 222, 202);  
box-shadow:4px 4px 4px 4px rgb(224, 222,  
202) }
```

Background

The CSS property to change the background color of an element to XYZ 67.5224, 72.3541, 66.2840 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 222, 202) }
```

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

```
.background{ background-color: rgb(224,  
222, 202) }
```

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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