

Converting Colors

XYZ(65.7961, 71.6220, 68.1151)

Have a look what the booklet for
XYZ(65.7961, 71.6220, 68.1151)
contains.

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Color

**XYZ(66.0224, 71.9348,
68.1627)**

Conversions

Conversions Part 1

Format	Color
Hex	D9DFCD
RGB	217, 223, 205
RGB Percent	85%, 87%, 80%
CMY	0.1490, 0.1255, 0.1961
CMYK	0.03, 0.00, 0.08, 0.13
HSL	80°, 22%, 84%
HSV	80°, 8%, 87%
XYZ	66.0224, 71.9348, 68.1627
YIQ	219.1540, 2.2020, -6.8700

Conversions

Conversions Part 2

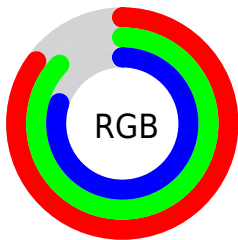
Format	Color
R_{YB}	205, 223, 211
Decimal	14278605
CIE Lab	87.94, -5.19, 8.11
CIE LCh	88, 9.631, 122.620
Yxy	71.9348, 0.3203, 0.3490
Android (android.graphics.Color)	4292468685 (0xFFD9DFCD)
YUV	219.1540, -6.9779, -1.8891
Hunter-Lab	84.8144, -9.4747, 11.7205

Details

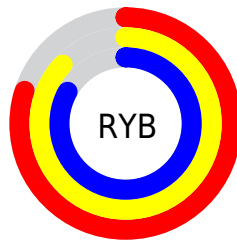
The XYZ color **66.0224, 71.9348, 68.1627** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **62.0173, 62.8412, 78.6766**, and the grayscale version is **67.4863, 71.0009, 77.3199**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.4888, 37.9210, 34.7799** is the 20% darker color. If you saturate the color by 10%, you get **61.3597, 69.8224, 54.8799**, and if you desaturate by 10%, it is **71.1724, 74.2583, 83.4741**.

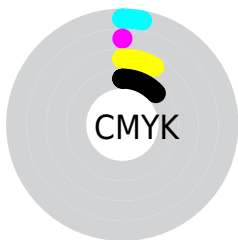
Distribution



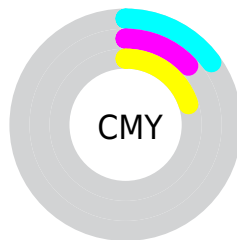
- Red (85%)
- Green (87%)
- Blue (80%)



- Red (80%)
- Yellow (87%)
- Blue (83%)



- Cyan (3%)
- Magenta (0%)
- Yellow (8%)
- Black (13%)



- Cyan (15%)
- Magenta (13%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.0224, 71.9348, 68.1627 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 66.0224, 71.9348, 68.1627 by changing the saturation by 10% instead.

■ 66.0224, 71.9348,
68.1627

■ 66.0224, 71.9348,
68.1627

435.9444,
467.3146, 472.6860

■ 48.5584, 53.1054,
49.5626

112.5760,
121.9638, 118.2413

■ 34.4824, 37.8869,
34.6972

142.3963,
153.9323, 150.5568

■ 23.4290, 25.8949,
23.1481

177.0661,
191.0492, 188.2813

■ 15.0331, 16.7451,
14.4965

216.9507,
233.6989, 231.8332

■ 8.9291, 10.0529,
8.3241

262.4155,
282.2660, 281.6311

■ 4.7517, 5.4340,
4.2123

313.8258,

■ 2.1356, 2.5041,

337.1347, 338.0935

1.7425

371.5469,
398.6894, 401.6389

■ 0.7084, 0.8787,
0.3896

■ 0.0000, 0.0000,
0.0000

■ 66.0224, 71.9348,
68.1627

■ 66.0224, 71.9348,
68.1627

■ 61.3597, 69.8224,
54.8799

■ 71.1724, 74.2583,
83.4741

■ 57.1609, 67.9046,
43.5360

■ 76.8204, 76.7903,
100.8894

■ 53.4095, 66.1769,
34.0412

■ 80.1412, 78.4033,
105.5172

■ 50.0854, 64.6312,
26.2973

■ 82.7084, 79.7267,
105.6373

■ 47.1667, 63.2586,
20.1964

■ 85.3803, 81.1041,
105.7624

■ 44.6295, 62.0493,
15.6192

■ 85.6791, 81.2581,
105.7764

■ 42.4464, 60.9922,
12.4300

■ 40.5857, 60.0745,
10.4691

■ 39.0029, 59.2781,
9.5095

Harmonies

Analogous

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



68.1705, 71.9348, 66.3750



66.0224, 71.9348, 68.1627



64.5307, 71.9348, 72.6595

Triad

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



66.0224, 71.9348, 68.1627



66.3640, 71.9348, 90.0818



72.8719, 71.9348, 77.7490

Complementary

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



66.0224, 71.9348, 68.1627



62.0173, 62.8412, 78.6766

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.



72.3625, 71.9348, 84.2771



66.0224, 71.9348, 68.1627



68.5736, 71.9348, 91.6291

Square

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



66.0224, 71.9348, 68.1627



64.7248, 71.9348, 85.3312



70.7764, 71.9348, 89.4498



72.1534, 71.9348, 71.7128

Rectangle

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



66.0224, 71.9348, 68.1627



64.0916, 71.9348, 76.7138



70.7764, 71.9348, 89.4498



72.8386, 71.9348, 79.9582

Sweetspot

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



66.0244, 71.9379, 68.1643



93.6167, 99.3547, 104.6035



64.7477, 66.6866, 67.2179



20.0529, 21.2728, 22.4345



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.



66.0244, 71.9379, 68.1643



88.1531, 96.8878, 88.5503



63.4218, 70.5962, 68.0425



14.4045, 15.7887, 14.5951



22.8883, 34.8319, 5.5169



1.6802, 2.4627, 0.3868

Inverse Universe

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



62.0173, 62.8412, 78.6766



81.4691, 81.7136, 106.0862



64.6683, 64.2078, 78.8007



13.3806, 13.4642, 17.2813



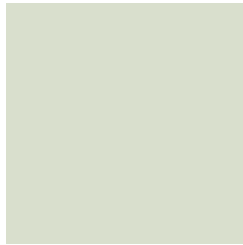
9.6161, 4.0526, 41.3238



0.7592, 0.3287, 2.8687

Previews

White Background



This preview shows how the XYZ color 66.0224, 71.9348, 68.1627 looks on a white background.

Color Contrast Check

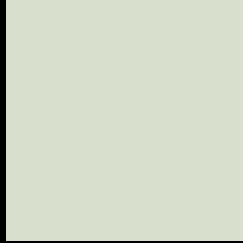
Large Text (above 18pt) WCAG AA × Fail

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 66.0224, 71.9348, 68.1627 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

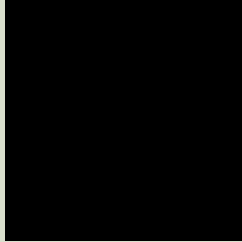
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

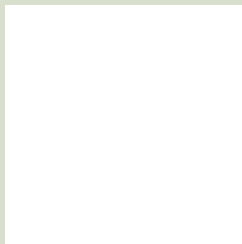
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 66.0224, 71.9348, 68.1627

Background



This preview shows how black text looks on a background with the XYZ color 66.0224, 71.9348, 68.1627.



This preview shows how white text looks on a background with the XYZ color 66.0224, 71.9348,

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

66.0224, 71.9348, 68.1627

Protanopia

68.3676, 71.9922, 66.7924

Deuteranopia

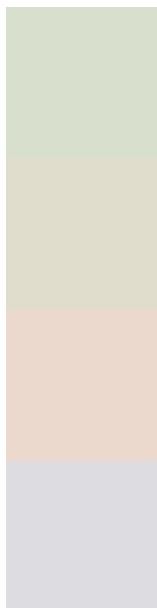
73.4145, 71.8677, 69.0340



Tritanopia

70.3359, 71.7285, 89.4948

Trichromacy



Original Color

66.0224, 71.9348, 68.1627

Protanomaly

67.4960, 71.9198, 67.4512

Deuteranomaly

70.5455, 71.9148, 68.5553

Tritanomaly

68.6990, 71.8383, 81.4795

Monochromacy



Original Color

66.0224, 71.9348, 68.1627

Achromatopsia

67.3311, 70.8376, 77.1421

Achromatomaly

66.6442, 70.9469, 73.7999

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.0224, 71.9348, 68.1627 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(217, 223, 205) looks like.

```
.text, #text, p{  
    color:rgb(217, 223, 205)  
}
```

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(217, 223, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 223, 205) }
```

Border

The CSS property to change the border of an element to XYZ 66.0224, 71.9348, 68.1627 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(217, 223, 205) }
```


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

```
.border{ border-color:rgb(217, 223, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 223, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 223, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 223, 205);  
box-shadow:4px 4px 4px 4px rgb(217, 223,  
205) }
```

Background

The CSS property to change the background color of an element to XYZ 66.0224, 71.9348, 68.1627 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 223, 205) }
```

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

```
.background{ background-color: rgb(217,  
223, 205) }
```

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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