

Converting Colors

XYZ(66.3992, 71.3660, 68.7984)

Have a look what the booklet for
XYZ(66.3992, 71.3660, 68.7984)
contains.

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Color

**XYZ(66.2104, 71.2292,
68.6515)**

Conversions

Conversions Part 1

Format	Color
Hex	DBDDCE
RGB	219, 221, 206
RGB Percent	86%, 87%, 81%
CMY	0.1412, 0.1333, 0.1922
CMYK	0.01, 0.00, 0.07, 0.13
HSL	68°, 18%, 84%
HSV	68°, 7%, 87%
XYZ	66.2104, 71.2292, 68.6515
YIQ	218.6920, 3.6230, -5.0890

Conversions

Conversions Part 2

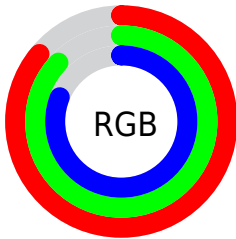
Format	Color
R_{YB}	206, 221, 208
Decimal	14409166
CIE _{Lab}	87.60, -3.30, 7.12
CIE _{LCh}	88, 7.845, 114.893
Yxy	71.2292, 0.3213, 0.3456
Android (android.graphics.Color)	4292599246 (0xFFDBDDCE)
YUV	218.6920, -6.2572, 0.2701
Hunter-Lab	84.3974, -7.6608, 10.8498

Details

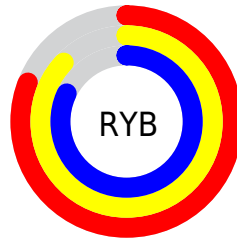
The XYZ color **66.2104, 71.2292, 68.6515** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **61.1377, 62.7750, 77.3049**, and the grayscale version is **67.1604, 70.6580, 76.9465**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.6136, 37.4319, 35.1065** is the 20% darker color. If you saturate the color by 10%, you get **62.8324, 69.7786, 55.4501**, and if you desaturate by 10%, it is **69.9856, 72.8451, 83.8451**.

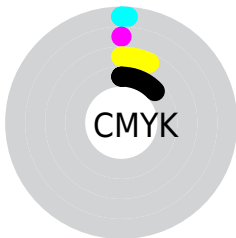
Distribution



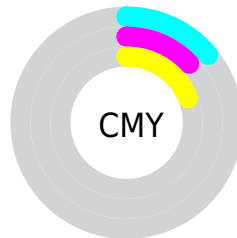
- Red (86%)
- Green (87%)
- Blue (81%)



- Red (81%)
- Yellow (87%)
- Blue (82%)



- Cyan (1%)
- Magenta (0%)
- Yellow (7%)
- Black (13%)



- Cyan (14%)
- Magenta (13%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.2104, 71.2292, 68.6515 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 66.2104, 71.2292, 68.6515 by changing the saturation by 10% instead.

■ 66.2104, 71.2292,
68.6515

■ 66.2104, 71.2292,
68.6515

436.6058,
464.8543, 474.4615

■ 48.7116, 52.5293,
49.9579

112.8443,
120.9600, 118.9467

■ 34.6043, 37.4271,
35.0090

142.7101,
152.7597, 151.3854

■ 23.5233, 25.5384,
23.3862

177.4289,
189.6947, 189.2429

■ 15.1032, 16.4786,
14.6710

217.3661,
232.1495, 232.9378

■ 8.9786, 9.8635,
8.4448

262.8870,
280.5085, 282.8885

■ 4.7843, 5.3085,
4.2890

314.3570,

■ 2.1547, 2.4294,

335.1560, 339.5137

1.7852

372.1415,
396.4765, 403.2318

■ 0.7187, 0.8410,
0.4182

■ 0.0000, 0.0000,
0.0000

■ 66.2104, 71.2292,
68.6515

■ 66.2104, 71.2292,
68.6515

■ 62.8324, 69.7786,
55.4501

■ 69.9856, 72.8451,
83.8451

■ 59.8301, 68.4778,
44.1537


■ 74.1671, 74.6231,
101.1040


■ 57.1885, 67.3230,
34.6756


■ 75.8580, 75.4067,
105.1645

■ 54.8895, 66.3071,
26.9206


■ 76.8020, 75.8933,
105.2087


 52.9133, 65.4221,
20.7847


 77.7621, 76.3883,
105.2536


 51.2379, 64.6592,
16.1528


 78.7384, 76.8915,
105.2993

 49.8385, 64.0084,
12.8946

 79.7309, 77.4032,
105.3458

 48.6861, 63.4582,
10.8579

 80.7397, 77.9232,
105.3930

 47.7434, 62.9937,
9.8464

 81.7648, 78.4517,
105.4410

Harmonies

Analogous

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



68.0193, 71.2292, 67.8171



66.2104, 71.2292, 68.6515



64.8240, 71.2292, 71.8268

Triad

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



66.2104, 71.2292, 68.6515



65.6699, 71.2292, 86.2202



71.3177, 71.2292, 78.4697

Complementary

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



66.2104, 71.2292, 68.6515



61.1377, 62.7750, 77.3049

Split Complementary

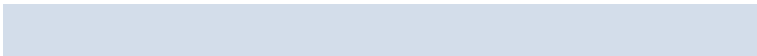
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



70.6623, 71.2292, 83.5830



66.2104, 71.2292, 68.6515



67.3841, 71.2292, 88.1864

Square

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



66.2104, 71.2292, 68.6515



64.5159, 71.2292, 81.9378



69.2142, 71.2292, 87.2000



70.9897, 71.2292, 73.3342

Rectangle

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



66.2104, 71.2292, 68.6515



64.3145, 71.2292, 74.9236



69.2142, 71.2292, 87.2000



71.2048, 71.2292, 80.2503

Sweetspot

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



66.2124, 71.2323, 68.6530



93.9894, 99.5469, 104.6210



63.5176, 64.9421, 67.5809



20.1287, 21.3119, 22.4380



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.



66.2124, 71.2323, 68.6530



90.9421, 98.2418, 92.4640



64.0070, 70.0954, 68.5498



13.9822, 15.1711, 13.9169



27.6412, 36.5470, 5.5974



1.8392, 2.3927, 0.3649

Inverse Universe

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



61.1377, 62.7750, 77.3049



82.6777, 84.4685, 106.5542



63.2962, 63.8877, 77.4059



12.4996, 12.7002, 16.4447



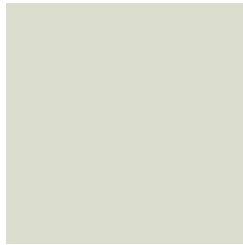
7.9388, 3.2168, 39.9409



0.5679, 0.2360, 2.5901

Previews

White Background



This preview shows how the XYZ color 66.2104, 71.2292, 68.6515 looks on a white background.

Color Contrast Check

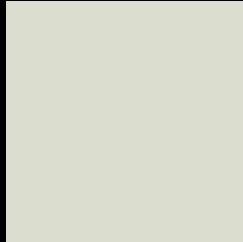
Large Text (above 18pt) WCAG AA × Fail

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 66.2104, 71.2292, 68.6515 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

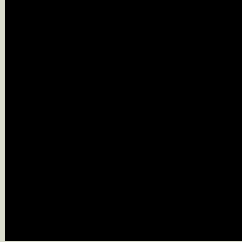
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

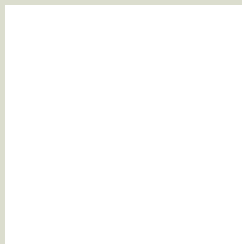
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 66.2104, 71.2292, 68.6515

Background



This preview shows how black text looks on a background with the XYZ color 66.2104, 71.2292, 68.6515.

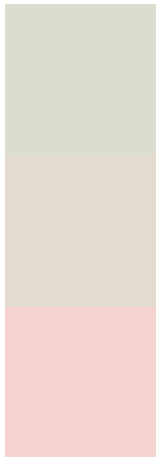


This preview shows how white text looks on a background with the XYZ color 66.2104, 71.2292,

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

66.2104, 71.2292, 68.6515

Protanopia

68.0295, 71.4017, 67.9540

Deuteranopia

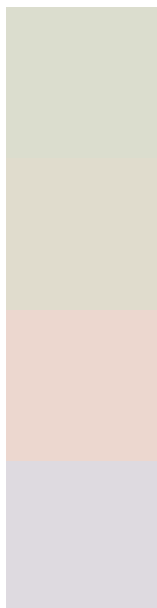
72.5848, 71.0535, 69.5636



Tritanopia

70.0956, 71.2542, 87.9009

Trichromacy



Original Color

66.2104, 71.2292, 68.6515

Protanomaly

67.3531, 71.4415, 67.9973

Deuteranomaly

70.1550, 70.9387, 69.0265

Tritanomaly

68.6502, 71.0542, 80.6176

Monochromacy



Original Color

66.2104, 71.2292, 68.6515

Achromatopsia

67.3311, 70.8376, 77.1421

Achromatomaly

66.9442, 71.1015, 73.8140

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.2104, 71.2292, 68.6515 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(219, 221, 206) looks like.

```
.text, #text, p{  
    color:rgb(219, 221, 206)  
}
```

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(219, 221, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 221, 206) }
```

Border

The CSS property to change the border of an element to XYZ 66.2104, 71.2292, 68.6515 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(219, 221, 206) }
```


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

```
.border{ border-color:rgb(219, 221, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 221, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 221, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 221, 206);  
box-shadow:4px 4px 4px 4px rgb(219, 221,  
206) }
```

Background

The CSS property to change the background color of an element to XYZ 66.2104, 71.2292, 68.6515 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 221, 206) }
```

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

```
.background{ background-color: rgb(219,  
221, 206) }
```

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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