

Converting Colors

XYZ(64.9961, 72.1808, 64.8636)

Have a look what the booklet for
XYZ(64.9961, 72.1808, 64.8636)
contains.

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Color

**XYZ(65.0821, 72.3167,
65.1719)**

Conversions

Conversions Part 1

Format	Color
Hex	D6E1C8
RGB	214, 225, 200
RGB Percent	84%, 88%, 78%
CMY	0.1608, 0.1176, 0.2157
CMYK	0.05, 0.00, 0.11, 0.12
HSL	86°, 29%, 83%
HSV	86°, 11%, 88%
XYZ	65.0821, 72.3167, 65.1719
YIQ	218.8610, 1.4690, -10.1070

Conversions

Conversions Part 2

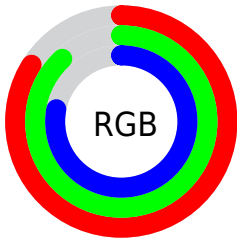
Format	Color
R_{YB}	200, 225, 211
Decimal	14082504
CIE _{Lab}	88.12, -8.10, 10.97
CIE _{LCh}	88, 13.632, 126.430
Yxy	72.3167, 0.3213, 0.3570
Android (android.graphics.Color)	4292272584 (0xFFD6E1C8)
YUV	218.8610, -9.2985, -4.2631
Hunter-Lab	85.0392, -12.2093, 14.0891

Details

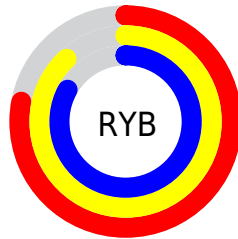
The XYZ color **65.0821, 72.3167, 65.1719** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **61.1117, 60.5956, 79.7132**, and the grayscale version is **67.2990, 70.8038, 77.1053**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **33.8611, 38.1957, 32.7820** is the 20% darker color. If you saturate the color by 10%, you get **59.8414, 69.8990, 52.1952**, and if you desaturate by 10%, it is **70.8895, 74.9861, 80.1982**.

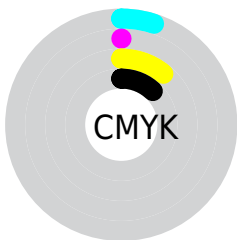
Distribution



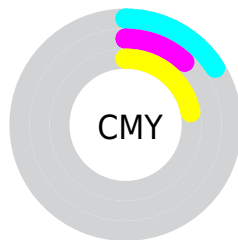
- Red (84%)
- Green (88%)
- Blue (78%)



- Red (78%)
- Yellow (88%)
- Blue (83%)



- Cyan (5%)
- Magenta (0%)
- Yellow (11%)
- Black (12%)



- Cyan (16%)
- Magenta (12%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.0821, 72.3167, 65.1719 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 65.0821, 72.3167, 65.1719 by changing the saturation by 10% instead.

■ 65.0821, 72.3167,
65.1719

■ 65.0821, 72.3167,
65.1719

432.6275,
468.6432, 461.7326

■ 47.7926, 53.4174,
47.1483

111.2329,
122.5067, 113.9126

■ 33.8732, 38.1361,
32.7977

140.8250,
154.5662, 145.4667

■ 22.9587, 26.0883,
21.7017

175.2486,
191.7812, 182.3681

■ 14.6835, 16.8897,
13.4416

214.8691,
234.5362, 225.0353

■ 8.6824, 10.1559,
7.5991

260.0519,
283.2155, 273.8868

■ 4.5901, 5.5025,
3.7554

311.1623,

■ 2.0411, 2.5450,

338.2035, 329.3411

1.4921

368.5657,
399.8846, 391.8169

■ 0.6569, 0.8991,
0.2121

■ 0.0000, 0.0000,
0.0000

■ 65.0821, 72.3167,
65.1719

■ 65.0821, 72.3167,
65.1719

■ 59.8414, 69.8990,
52.1952

■ 70.8895, 74.9861,
80.1982

■ 55.1416, 67.7152,
41.1747

■ 77.2766, 77.9057,
97.3528

■ 50.9633, 65.7596,
32.0165

■ 82.1839, 80.2544,
105.7668

■ 47.2839, 64.0227,
24.6172

■ 85.7077, 82.0709,
105.9317

■ 44.0782, 62.4942,
18.8635

■ 86.2167, 82.3333,
105.9556

■ 41.3189, 61.1626,
14.6286

■ 38.9748, 60.0150,
11.7674

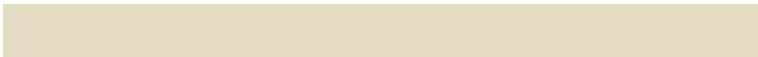
■ 37.0093, 59.0365,
10.1063

■ 35.5278, 58.2874,
9.3781

Harmonies

Analogous

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



68.0358, 72.3167, 62.2268



65.0821, 72.3167, 65.1719



63.1524, 72.3167, 71.7834

Triad

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



65.0821, 72.3167, 65.1719



66.2606, 72.3167, 96.3528



75.1486, 72.3167, 76.7488

Complementary

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



65.0821, 72.3167, 65.1719



61.1117, 60.5956, 79.7132

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.



74.6370, 72.3167, 86.1334



65.0821, 72.3167, 65.1719



69.4387, 72.3167, 97.9445

Square

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



65.0821, 72.3167, 65.1719



63.8176, 72.3167, 89.8804



72.5218, 72.3167, 94.0729



73.8984, 72.3167, 68.5615

Rectangle

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



65.0821, 72.3167, 65.1719



62.6712, 72.3167, 77.6289



72.5218, 72.3167, 94.0729



75.1775, 72.3167, 79.8629

Sweetspot

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



65.0841, 72.3198, 65.1735



92.6147, 98.8841, 102.4843



64.7322, 66.6860, 64.1046



19.6866, 21.1025, 21.5782



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.



65.0841, 72.3198, 65.1735



84.9994, 95.3831, 82.9327



61.6197, 70.5339, 65.0113



14.2592, 15.7138, 14.5883



20.6081, 33.6564, 5.4102



1.5308, 2.3856, 0.3798

Inverse Universe

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



61.1117, 60.5956, 79.7132



78.8696, 77.2911, 105.3695



64.7818, 62.4877, 79.8849



13.5216, 13.5369, 17.2879



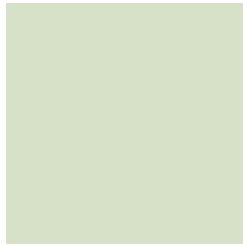
10.9274, 4.7286, 41.3851



0.8590, 0.3801, 2.8733

Previews

White Background



This preview shows how the XYZ color 65.0821, 72.3167, 65.1719 looks on a white background.

Color Contrast Check

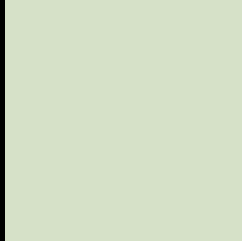
Large Text (above 18pt) WCAG AA × Fail

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 65.0821, 72.3167, 65.1719 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

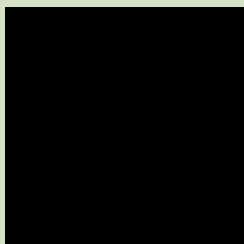
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

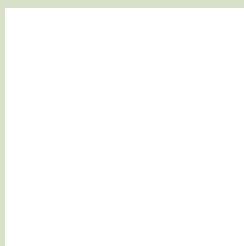
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 65.0821, 72.3167, 65.1719

Background



This preview shows how black text looks on a background with the XYZ color 65.0821, 72.3167, 65.1719.



This preview shows how white text looks on a background with the XYZ color 65.0821, 72.3167,

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

65.0821, 72.3167, 65.1719

Protanopia

68.3044, 72.0406, 63.1285

Deuteranopia

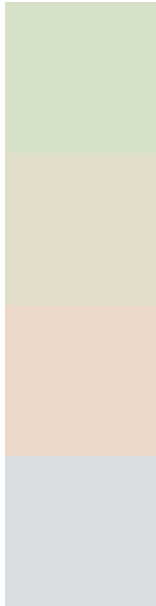
73.5218, 71.9925, 65.8980



Tritanopia

70.3945, 72.5165, 90.4077

Trichromacy



Original Color

65.0821, 72.3167, 65.1719

Protanomaly

67.0548, 72.1671, 63.8216

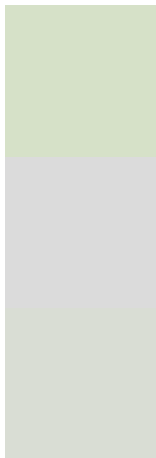
Deuteranomaly

69.9475, 71.6756, 65.4065

Tritanomaly

68.4893, 72.5298, 80.9109

Monochromacy



Original Color

65.0821, 72.3167, 65.1719

Achromatopsia

67.3311, 70.8376, 77.1421

Achromatomaly

66.3554, 71.2181, 72.5365

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.0821, 72.3167, 65.1719 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(214, 225, 200) looks like.

```
.text, #text, p{  
    color:rgb(214, 225, 200)  
}
```

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(214, 225, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 225, 200) }
```

Border

The CSS property to change the border of an element to XYZ 65.0821, 72.3167, 65.1719 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(214, 225, 200) }
```


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

```
.border{ border-color:rgb(214, 225, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 225, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 225, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 225, 200);  
box-shadow:4px 4px 4px 4px rgb(214, 225,  
200) }
```

Background

The CSS property to change the background color of an element to XYZ 65.0821, 72.3167, 65.1719 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 225, 200) }
```

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

```
.background{ background-color: rgb(214,  
225, 200) }
```

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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