

Converting Colors

XYZ(65.4689, 72.2022, 75.4155)

Have a look what the booklet for
XYZ(65.4689, 72.2022, 75.4155)
contains.

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Color

**XYZ(65.6144, 72.3636,
75.4751)**

Conversions

Conversions Part 1

Format	Color
Hex	D1E1D8
RGB	209, 225, 216
RGB Percent	82%, 88%, 85%
CMY	0.1804, 0.1176, 0.1529
CMYK	0.07, 0.00, 0.04, 0.12
HSL	146°, 21%, 85%
HSV	146°, 7%, 88%
XYZ	65.6144, 72.3636, 75.4751
YIQ	219.1900, -6.6470, -6.1910

Conversions

Conversions Part 2

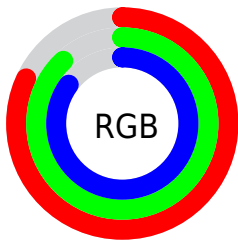
Format	Color
R_{YB}	209, 220, 225
Decimal	13754840
CIE Lab	88.14, -6.99, 2.56
CIE LCh	88, 7.446, 159.928
Yxy	72.3636, 0.3074, 0.3390
Android (android.graphics.Color)	4291944920 (0xFFD1E1D8)
YUV	219.1900, -1.5727, -8.9366
Hunter-Lab	85.0668, -11.1849, 6.9420

Details

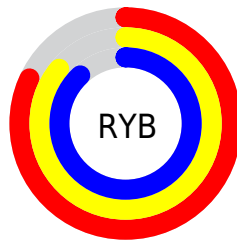
The XYZ color **65.6144, 72.3636, 75.4751** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **66.5093, 66.6723, 75.6968**, and the grayscale version is **67.4794, 70.9936, 77.3120**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.3253, 38.2912, 39.3000** is the 20% darker color. If you saturate the color by 10%, you get **58.1187, 68.6833, 66.9085**, and if you desaturate by 10%, it is **74.1394, 76.5640, 84.7511**.

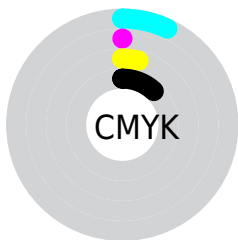
Distribution



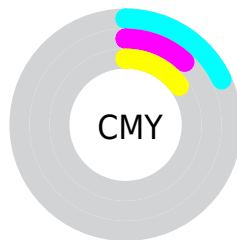
- Red (82%)
- Green (88%)
- Blue (85%)



- Red (82%)
- Yellow (86%)
- Blue (88%)



- Cyan (7%)
- Magenta (0%)
- Yellow (4%)
- Black (12%)



- Cyan (18%)
- Magenta (12%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.6144, 72.3636, 75.4751 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 65.6144, 72.3636, 75.4751 by changing the saturation by 10% instead.

■ 65.6144, 72.3636,
75.4751

■ 65.6144, 72.3636,
75.4751

434.5070,
468.8062, 498.8479

■ 48.2260, 53.4557,
55.4981

111.9935,
122.5733, 128.7379

■ 34.2179, 38.1667,
39.3994

141.7149,
154.6440, 162.8609

■ 23.2247, 26.1121,
26.7604

176.2781,
191.8711, 202.5362

■ 14.8811, 16.9075,
17.1625

216.0483,
234.6389, 248.1825

■ 8.8218, 10.1686,
10.1872

261.3909,
283.3320, 300.2183

■ 4.6813, 5.5109,
5.4160

312.6714,

■ 2.0943, 2.5500,

338.3346, 359.0621

2.4304

370.2549,
400.0312, 425.1324

■ 0.6861, 0.9016,
0.8029

■ 0.0000, 0.0000,
0.0000

■ 65.6144, 72.3636,
75.4751

■ 65.6144, 72.3636,
75.4751

■ 58.1187, 68.6833,
66.9085

■ 74.1394, 76.5640,
84.7511

■ 51.6058, 65.4935,
59.0299

■ 83.7255, 81.2945,
94.7476

■ 46.0348, 62.7752,
51.8236

■ 86.0524, 82.2675,
105.0908

■ 41.3593, 60.5051,
45.2716

■ 86.2166, 82.3332,
105.9555

■ 37.5289, 58.6574,
39.3550

■ 34.4878, 57.2039,
34.0540

■ 32.1734, 56.1125,
29.3478

■ 30.5124, 55.3460,
25.2138

■ 29.4099, 54.8559,
21.6279

Harmonies

Analogous

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



66.6059, 72.3636, 71.5111



65.6144, 72.3636, 75.4751



65.4627, 72.3636, 80.4938

Triad

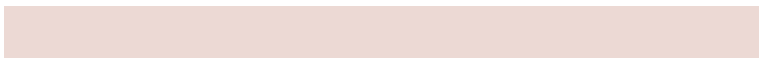
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



65.6144, 72.3636, 75.4751



69.3712, 72.3636, 88.8472



71.4377, 72.3636, 72.6661

Complementary

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



65.6144, 72.3636, 75.4751



66.5093, 66.6723, 75.6968

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.



72.2063, 72.3636, 77.1136



65.6144, 72.3636, 75.4751



70.9997, 72.3636, 86.5503

Square

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



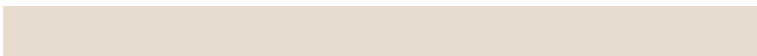
65.6144, 72.3636, 75.4751



67.6114, 72.3636, 88.3621



72.0446, 72.3636, 82.2040



69.9608, 72.3636, 69.9385

Rectangle

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



65.6144, 72.3636, 75.4751



65.8555, 72.3636, 83.7841



72.0446, 72.3636, 82.2040



71.7886, 72.3636, 74.0016

Sweetspot

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



65.6164, 72.3667, 75.4767



92.7399, 98.8621, 106.3985



67.3699, 73.3730, 70.9343



19.8744, 21.1725, 22.8000



0.0000, 0.0000, 0.0000



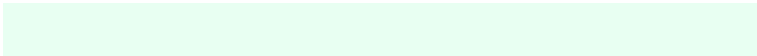
20.3446, 21.4041, 23.3091

Same Dimension

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



65.6164, 72.3667, 75.4767



85.0953, 95.1003, 97.9453



66.6677, 72.7872, 81.0126



13.7765, 15.4363, 15.8585



16.8537, 31.5663, 12.2188



1.2126, 2.2058, 1.0807

Inverse Universe

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



66.5093, 66.6723, 75.6968



86.5862, 85.5916, 98.3126



65.4952, 66.2667, 70.3563



14.0286, 13.8291, 15.9206



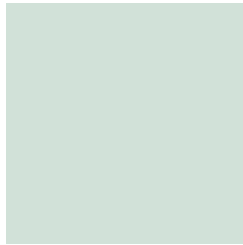
20.1448, 10.1249, 12.6940



1.4411, 0.7197, 1.1156

Previews

White Background



This preview shows how the XYZ color 65.6144, 72.3636, 75.4751 looks on a white background.

Color Contrast Check

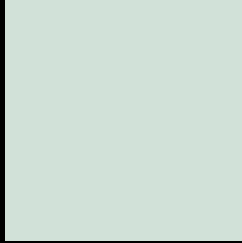
Large Text (above 18pt) WCAG AA × Fail

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 65.6144, 72.3636, 75.4751 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

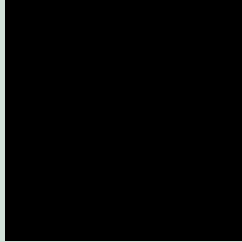
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

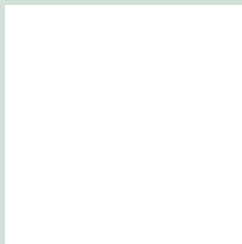
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 65.6144, 72.3636, 75.4751

Background



This preview shows how black text looks on a background with the XYZ color 65.6144, 72.3636, 75.4751.

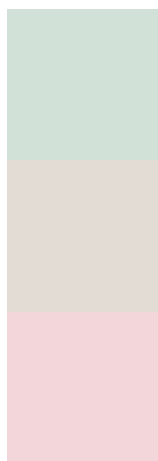


This preview shows how white text looks on a background with the XYZ color 65.6144, 72.3636,

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

65.6144, 72.3636, 75.4751

Protanopia

69.2820, 72.3214, 73.2587

Deuteranopia

73.6636, 72.2098, 76.3851



Tritanopia

69.1418, 72.6207, 92.0344

Trichromacy



Original Color

65.6144, 72.3636, 75.4751

Protanomaly

67.7741, 72.3132, 74.0041

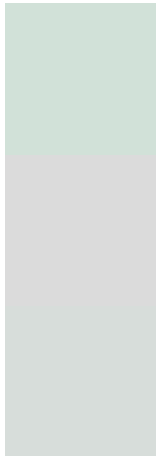
Deuteranomaly

70.5508, 72.1415, 75.8519

Tritanomaly

67.9629, 72.5419, 86.0213

Monochromacy



Original Color

65.6144, 72.3636, 75.4751

Achromatopsia

67.3311, 70.8376, 77.1421

Achromatomaly

66.5357, 71.2219, 76.5701

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.6144, 72.3636, 75.4751 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(209, 225, 216) looks like.

```
.text, #text, p{  
    color:rgb(209, 225, 216)  
}
```

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(209, 225, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 225, 216) }
```

Border

The CSS property to change the border of an element to XYZ 65.6144, 72.3636, 75.4751 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(209, 225, 216) }
```


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

```
.border{ border-color:rgb(209, 225, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 225, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 225, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 225, 216);  
box-shadow:4px 4px 4px 4px rgb(209, 225,  
216) }
```

Background

The CSS property to change the background color of an element to XYZ 65.6144, 72.3636, 75.4751 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 225, 216) }
```

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

```
.background{ background-color: rgb(209,  
225, 216) }
```

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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