

Converting Colors

XYZ(66.6237, 72.4338, 77.0951)

Have a look what the booklet for
XYZ(66.6237, 72.4338, 77.0951)
contains.

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Color

**XYZ(66.4619, 72.3703,
76.7956)**

Conversions

Conversions Part 1

Format	Color
Hex	D4E0DA
RGB	212, 224, 218
RGB Percent	83%, 88%, 85%
CMY	0.1686, 0.1215, 0.1451
CMYK	0.05, 0.00, 0.03, 0.12
HSL	150°, 16%, 85%
HSV	150°, 5%, 88%
XYZ	66.4619, 72.3703, 76.7956
YIQ	219.7280, -5.2260, -4.4100

Conversions

Conversions Part 2

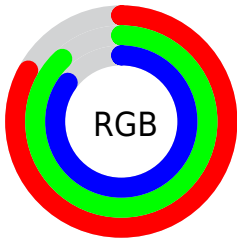
Format	Color
R _Y B	212, 220, 224
Decimal	13951194
CIE Lab	88.15, -5.11, 1.53
CIE LCh	88, 5.339, 163.293
Yxy	72.3703, 0.3082, 0.3356
Android (android.graphics.Color)	4292141274 (0xFFD4E0DA)
YUV	219.7280, -0.8519, -6.7775
Hunter-Lab	85.0707, -9.4198, 6.0269

Details

The XYZ color **66.4619, 72.3703, 76.7956** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **66.9415, 67.9980, 75.9299**, and the grayscale version is **67.8480, 71.3813, 77.7343**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.7035, 38.1884, 40.1924** is the 20% darker color. If you saturate the color by 10%, you get **59.0305, 68.7050, 69.0523**, and if you desaturate by 10%, it is **74.8924, 76.5432, 85.1060**.

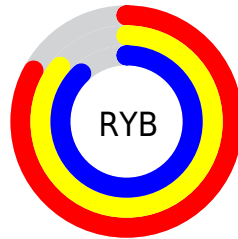
Distribution



Red (83%)

Green (88%)

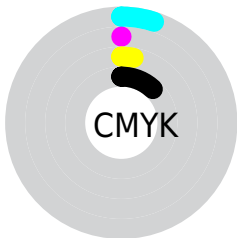
Blue (85%)



Red (83%)

Yellow (86%)

Blue (88%)

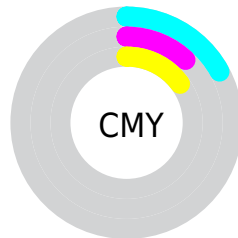


Cyan (5%)

Magenta (0%)

Yellow (3%)

Black (12%)



Cyan (17%)

Magenta (12%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.4619, 72.3703, 76.7956 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 66.4619, 72.3703, 76.7956 by changing the saturation by 10% instead.

■ 66.4619, 72.3703,
76.7956

■ 66.4619, 72.3703,
76.7956

437.4896,
468.8295, 503.4860

■ 48.9165, 53.4612,
56.5746

113.2031,
122.5829, 130.6213

■ 34.7675, 38.1711,
40.2567

143.1296,
154.6551, 165.0630

■ 23.6495, 26.1155,
27.4234

177.9140,
191.8839, 205.0821

■ 15.1972, 16.9101,
17.6562

217.9214,
234.6536, 251.0970

■ 9.0451, 10.1704,
10.5366

263.5173,
283.3486, 303.5263

■ 4.8280, 5.5121,
5.6459

315.0671,

■ 2.1804, 2.5507,

338.3533, 362.7885

2.5657

372.9361,
400.0522, 429.3022

■ 0.7324, 0.9020,
0.8747

■ 0.0000, 0.0000,
0.0000

■ 66.4619, 72.3703,
76.7956

■ 66.4619, 72.3703,
76.7956

■ 59.0305, 68.7050,
69.0523

■ 74.8924, 76.5432,
85.1060

■ 52.5535, 65.5185,
61.8594

■ 83.6860, 80.8897,
93.9592

■ 46.9917, 62.7928,
55.2061

■ 85.4063, 81.5778,
103.0182

■ 42.3008, 60.5053,
49.0796

■ 85.9470, 81.7941,
105.8657

■ 38.4326, 58.6314,
43.4664

■ 35.3342, 57.1441,
38.3524

■ 32.9459, 56.0129,
33.7229

■ 31.1987, 55.2024,
29.5620

■ 30.0081, 54.6695,
25.8528

Harmonies

Analogous

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



67.1166, 72.3703, 73.7931



66.4619, 72.3703, 76.7956



66.4249, 72.3703, 80.4261

Triad

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



66.4619, 72.3703, 76.7956



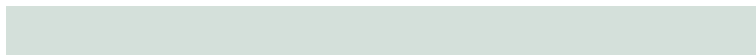
69.3516, 72.3703, 85.8390



70.5876, 72.3703, 74.0769

Complementary

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



66.4619, 72.3703, 76.7956



66.9415, 67.9980, 75.9299

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.



71.2020, 72.3703, 77.1939



66.4619, 72.3703, 76.7956



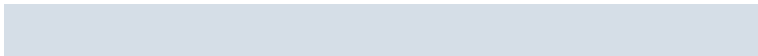
70.4825, 72.3703, 84.0263

Square

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



66.4619, 72.3703, 76.7956



68.0827, 72.3703, 85.7243



71.1632, 72.3703, 80.8368



69.4937, 72.3703, 72.2570

Rectangle

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



66.4619, 72.3703, 76.7956



66.7547, 72.3703, 82.7204



71.1632, 72.3703, 80.8368



70.8576, 72.3703, 75.0035

Sweetspot

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



66.4639, 72.3734, 76.7972



92.7905, 98.8823, 106.6648



67.5152, 73.0044, 72.8212



19.8847, 21.1766, 22.8542



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.



66.4639, 72.3734, 76.7972



88.4356, 96.7297, 102.2870



67.2370, 72.6826, 80.8679



14.2867, 15.6848, 16.5378



17.2749, 31.7348, 14.4365



1.2426, 2.2178, 1.2387

Inverse Universe

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



66.9415, 67.9980, 75.9299



89.1548, 90.1409, 100.9809



66.1950, 67.6995, 71.9992



14.4142, 14.5169, 16.3063



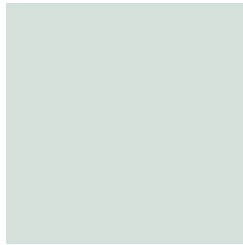
19.6547, 9.9289, 10.1132



1.4076, 0.7063, 0.9390

Previews

White Background



This preview shows how the XYZ color 66.4619, 72.3703, 76.7956 looks on a white background.

Color Contrast Check

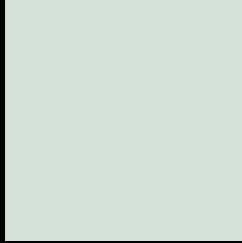
Large Text (above 18pt) WCAG AA × Fail

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 66.4619, 72.3703, 76.7956 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

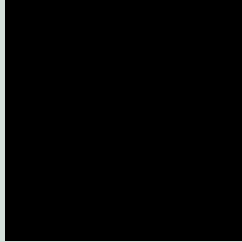
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

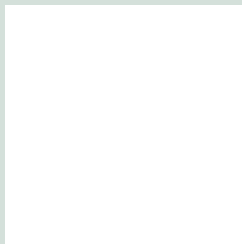
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 66.4619, 72.3703, 76.7956

Background



This preview shows how black text looks on a background with the XYZ color 66.4619, 72.3703, 76.7956.



This preview shows how white text looks on a background with the XYZ color 66.4619, 72.3703,

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

66.4619, 72.3703, 76.7956

Protanopia

69.3519, 72.3130, 75.2683

Deuteranopia

73.5828, 72.1377, 77.7559



Tritanopia

69.3134, 72.3330, 91.1974

Trichromacy



Original Color

66.4619, 72.3703, 76.7956

Protanomaly

68.1996, 72.0948, 75.9668

Deuteranomaly

70.8126, 72.2462, 77.2305

Tritanomaly

68.2766, 72.3082, 85.9596

Monochromacy



Original Color

66.4619, 72.3703, 76.7956

Achromatopsia

68.0267, 71.5694, 77.9390

Achromatomaly

67.2579, 71.5791, 77.2891

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.4619, 72.3703, 76.7956 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(212, 224, 218) looks like.

```
.text, #text, p{  
    color:rgb(212, 224, 218)  
}
```

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(212, 224, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 224, 218) }
```

Border

The CSS property to change the border of an element to XYZ 66.4619, 72.3703, 76.7956 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(212, 224, 218) }
```


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

```
.border{ border-color:rgb(212, 224, 218) }
```

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

Here you see how a box with a 4 pixel rgb(212, 224, 218) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 224, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 224, 218);  
box-shadow:4px 4px 4px 4px rgb(212, 224,  
218) }
```

Background

The CSS property to change the background color of an element to XYZ 66.4619, 72.3703, 76.7956 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 224, 218) }
```

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

```
.background{ background-color: rgb(212,  
224, 218) }
```

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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