

Converting Colors

XYZ(60.4989, 67.4604, 75.5473)

Have a look what the booklet for
XYZ(60.4989, 67.4604, 75.5473)
contains.

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Color

**XYZ(60.3616, 67.2749,
75.4496)**

Conversions

Conversions Part 1

Format	Color
Hex	C3DBD9
RGB	195, 219, 217
RGB Percent	76%, 86%, 85%
CMY	0.2353, 0.1412, 0.1490
CMYK	0.11, 0.00, 0.01, 0.14
HSL	175°, 25%, 81%
HSV	175°, 11%, 86%
XYZ	60.3616, 67.2749, 75.4496
YIQ	211.5960, -13.6620, -5.7100

Conversions

Conversions Part 2

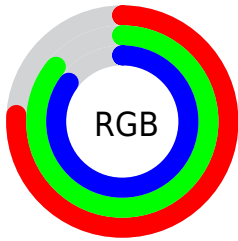
Format	Color
RYB	195, 208, 219
Decimal	12835801
CIELab	85.64, -8.34, -1.74
CIELCh	86, 8.515, 191.764
Yxy	67.2749, 0.2972, 0.3313
Android (android.graphics.Color)	4291025881 (0xFFC3DBD9)
YUV	211.5960, 2.6642, -14.5547
Hunter-Lab	82.0213, -12.1744, 2.8753

Details

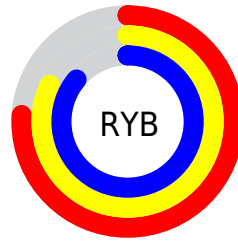
The XYZ color **60.3616, 67.2749, 75.4496** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.8090, 58.1233, 60.9458**, and the grayscale version is **62.3022, 65.5467, 71.3804**.

A 20% lighter version of the original color is **93.9549, 99.4354, 108.8487**, and **30.7816, 34.8223, 39.2814** is the 20% darker color. If you saturate the color by 10%, you get **54.8769, 64.4766, 73.9600**, and if you desaturate by 10%, it is **66.6827, 70.5078, 76.9949**.

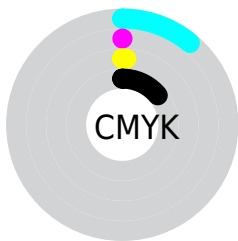
Distribution



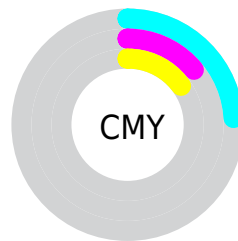
- Red (76%)
- Green (86%)
- Blue (85%)



- Red (76%)
- Yellow (82%)
- Blue (86%)



- Cyan (11%)
- Magenta (0%)
- Yellow (1%)
- Black (14%)



- Cyan (24%)
- Magenta (14%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.3616, 67.2749, 75.4496 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 60.3616, 67.2749, 75.4496 by changing the saturation by 10% instead.

60.3616, 67.2749,
75.4496

60.3616, 67.2749,
75.4496

415.7427,
450.9227, 498.7581

43.9607, 49.3081,
55.4773

104.4574,
115.3142, 128.7015

30.8374, 34.8639,
39.3829

132.8830,
146.1555, 162.8183

20.6263, 23.5581,
26.7476

166.0477,
182.0571, 202.4870

12.9620, 15.0061,
17.1530

204.3166,
223.4033, 248.1261

7.4792, 8.8237,
10.1805

248.0552,
270.5785, 300.1543

3.8125, 4.6264,
5.4116

297.6289,

1.5966, 2.0297,

323.9673, 358.9899

2.4278

353.4029,
383.9538, 425.0517

■ 0.3902, 0.6247,
0.8015

■ 0.0000, 0.0000,
0.0000

■ 60.3616, 67.2749,
75.4496

■ 60.3616, 67.2749,
75.4496

■ 54.8769, 64.4766,
73.9600

■ 66.6827, 70.5078,
76.9949

■ 50.1868, 62.0858,
72.5199


■ 73.8683, 74.1842,
78.5930


■ 46.2547, 60.0854,
71.1290


■ 79.8227, 77.2255,
80.1473

■ 43.0387, 58.4539,
69.7851


■ 80.0698, 77.3243,
81.4485


 40.4929, 57.1676,
68.4862


 80.3195, 77.4242,
82.7636


 38.5660, 56.2001,
67.2298


 80.5719, 77.5252,
84.0929


 37.1993, 55.5210,
66.0131

 80.8270, 77.6272,
85.4363

 36.3228, 55.0944,
64.8328

 81.0848, 77.7304,
86.7938

 35.8433, 54.8697,
63.7919

 81.3453, 77.8346,
88.1656

Harmonies

Analogous

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



60.4665, 67.2749, 69.9599



60.3616, 67.2749, 75.4496



61.2018, 67.2749, 80.5959

Triad

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



60.3616, 67.2749, 75.4496



66.4585, 67.2749, 81.5079



65.1167, 67.2749, 63.5699

Complementary

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



60.3616, 67.2749, 75.4496



58.8090, 58.1233, 60.9458

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.



66.7644, 67.2749, 66.3663



60.3616, 67.2749, 75.4496



67.5498, 67.2749, 76.6436

Square

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



60.3616, 67.2749, 75.4496



64.7059, 67.2749, 84.2100



67.6629, 67.2749, 71.0954



63.1856, 67.2749, 63.2865

Rectangle

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



60.3616, 67.2749, 75.4496



62.1950, 67.2749, 83.0669



67.6629, 67.2749, 71.0954



65.7230, 67.2749, 64.2404

Sweetspot

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



60.3635, 67.2777, 75.4511



92.1887, 98.5368, 108.2304



58.3147, 66.5304, 61.3990



19.5725, 21.0093, 23.1277



0.0000, 0.0000, 0.0000



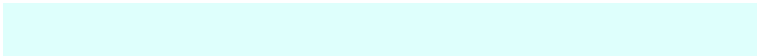
20.3446, 21.4041, 23.3091

Same Dimension

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



60.3635, 67.2777, 75.4511



83.4460, 94.0690, 106.0485



58.1926, 62.5163, 76.0209



13.3955, 14.8098, 16.5458



21.2722, 32.5415, 37.9283



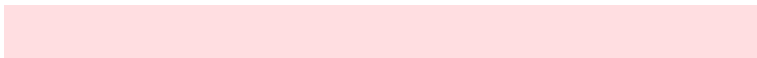
1.3923, 2.1139, 2.5316

Inverse Universe

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



58.8090, 58.1233, 60.9458



80.8598, 78.8382, 81.9158



60.8019, 62.4740, 60.4850



13.0999, 13.0691, 13.7875



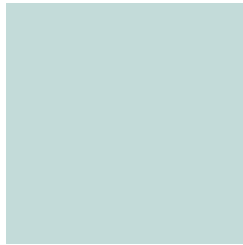
17.4047, 8.9629, 1.2451



1.1432, 0.5869, 0.1630

Previews

White Background



This preview shows how the XYZ color 60.3616, 67.2749, 75.4496 looks on a white background.

Color Contrast Check

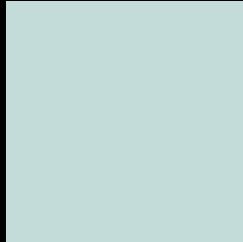
Large Text (above 18pt) WCAG AA × Fail

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 60.3616, 67.2749, 75.4496 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

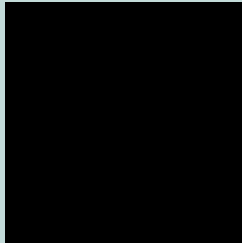
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

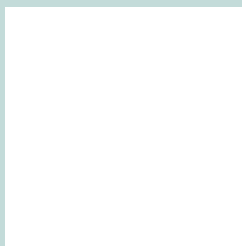
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 60.3616, 67.2749, 75.4496

Background



This preview shows how black text looks on a background with the XYZ color 60.3616, 67.2749, 75.4496.

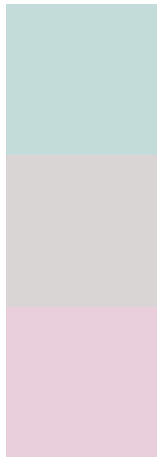


This preview shows how white text looks on a background with the XYZ color 60.3616, 67.2749,

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

60.3616, 67.2749, 75.4496

Protanopia

64.4198, 67.1443, 72.5157

Deuteranopia

68.3777, 66.8959, 76.3261



Tritanopia

62.6959, 67.0580, 87.4810

Trichromacy



Original Color

60.3616, 67.2749, 75.4496

Protanomaly

62.7325, 67.0112, 73.2464

Deuteranomaly

65.1626, 66.7106, 75.7717

Tritanomaly

61.8424, 67.0975, 83.0905

Monochromacy



Original Color

60.3616, 67.2749, 75.4496

Achromatopsia

62.5785, 65.8375, 71.6970

Achromatomaly

61.8916, 66.5777, 73.2071

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.3616, 67.2749, 75.4496 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(195, 219, 217)` looks like.

```
.text, #text, p{  
    color:rgb(195, 219, 217)  
}
```

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(195, 219, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 219, 217) }
```

Border

The CSS property to change the border of an element to XYZ 60.3616, 67.2749, 75.4496 is called "border". The border property can be set on classes, ids or directly on the HTML element.

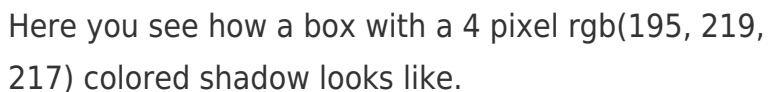
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(195, 219, 217) }
```


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

```
.border{ border-color:rgb(195, 219, 217) }
```

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



Here you see how a box with a 4 pixel `rgb(195, 219, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(195, 219, 217); -webkit-box-shadow:4px 4px 4px 4px rgb(195, 219, 217); box-shadow:4px 4px 4px 4px rgb(195, 219, 217) }
```

Background

The CSS property to change the background color of an element to XYZ 60.3616, 67.2749, 75.4496 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 219, 217) }
```

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

```
.background{ background-color: rgb(195,  
219, 217) }
```

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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