

Converting Colors

XYZ(64.0022, 76.1037, 75.6076)

Have a look what the booklet for
XYZ(64.0022, 76.1037, 75.6076)
contains.

XYZ(63.9994, 76.1037, 75.6063)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(63.9994, 76.1037,
75.6063)**

Conversions

Conversions Part 1

Format	Color
Hex	C0ECD7
RGB	192, 236, 215
RGB Percent	75%, 93%, 84%
CMY	0.2471, 0.0745, 0.1569
CMYK	0.19, 0.00, 0.09, 0.07
HSL	151°, 54%, 84%
HSV	151°, 19%, 93%
XYZ	63.9994, 76.1037, 75.6063
YIQ	220.4500, -19.4830, -15.8590

Conversions

Conversions Part 2

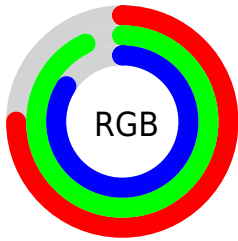
Format	Color
RYB	192, 221, 236
Decimal	12643543
CIELab	89.91, -18.25, 5.49
CIElCh	90, 19.063, 163.247
Yxy	76.1037, 0.2967, 0.3528
Android (android.graphics.Color)	4290833623 (0xFFC0ECD7)
YUV	220.4500, -2.6868, -24.9506
Hunter-Lab	87.2374, -21.7138, 9.6812

Details

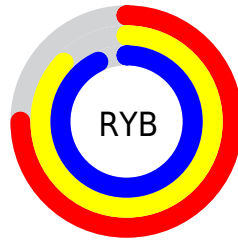
The XYZ color **63.9994, 76.1037, 75.6063** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **65.4546, 60.3381, 71.1507**, and the grayscale version is **68.3716, 71.9322, 78.3342**.

A 20% lighter version of the original color is **92.8769, 98.8797, 108.7983**, and **33.1477, 40.5839, 39.3441** is the 20% darker color. If you saturate the color by 10%, you get **57.0985, 72.7098, 67.9864**, and if you desaturate by 10%, it is **71.9625, 80.0379, 83.7994**.

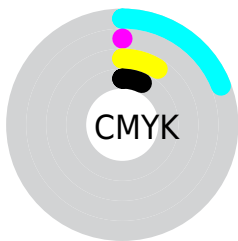
Distribution



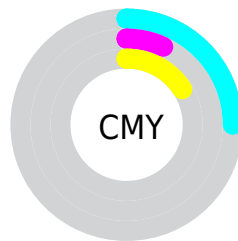
- Red (75%)
- Green (93%)
- Blue (84%)



- Red (75%)
- Yellow (87%)
- Blue (93%)



- Cyan (19%)
- Magenta (0%)
- Yellow (9%)
- Black (7%)





- Cyan (25%)
- Magenta (7%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 63.9994, 76.1037, 75.6063 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 63.9994, 76.1037, 75.6063 by changing the saturation by 10% instead.


 63.9994, 76.1037,
75.6063

 63.9994, 76.1037,
75.6063


428.7897,
481.7026, 499.3098

 46.9119, 56.5175,
55.6050


 109.6838,
127.8735, 128.9252

 33.1736, 40.6180,
39.4845


139.0114,
160.8259, 163.0799

 22.4194, 28.0207,
26.8261


173.1497,
199.0025, 202.7895

 14.2837, 18.3413,
17.2114

212.4641,
242.7878, 248.4726

 8.4013, 11.1953,
10.2218

257.3200,
292.5660, 300.5476

 4.4067, 6.1983,
5.4387


308.0826,

 1.9347, 2.9661,


348.7216, 359.4331


2.4437


365.1174,
411.6390, 425.5477


 0.5969, 1.1140,
0.8101


 0.0000, 0.0000,
0.0000

 63.9994, 76.1037,
75.6063


 63.9994, 76.1037,
75.6063


 57.0985, 72.7098,
67.9864


 71.9625, 80.0379,
83.7994


 51.2057, 69.8222,
60.9221

 81.0258, 84.5254,
92.5729

 46.2719, 67.4179,
54.4019

 88.3040, 88.0806,
101.8030

 42.2411, 65.4684,
48.4120

 89.2869, 88.4738,
106.9790

■ 39.0509, 63.9417,
42.9382

■ 36.6310, 62.8017,
37.9652

■ 34.8981, 62.0059,
33.4768

■ 33.7312, 61.4921,
29.4543

■ 33.5945, 61.4328,
28.9434

Harmonies

Analogous

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



66.3015, 76.1037, 65.3613



63.9994, 76.1037, 75.6063



63.8673, 76.1037, 88.9545

Triad

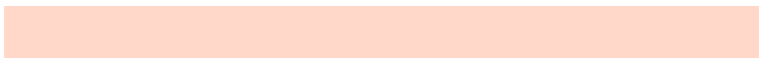
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



63.9994, 76.1037, 75.6063



74.4308, 76.1037, 110.7799



79.1378, 76.1037, 66.3242

Complementary

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



63.9994, 76.1037, 75.6063



65.4546, 60.3381, 71.1507

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.



81.5184, 76.1037, 77.0580



63.9994, 76.1037, 75.6063



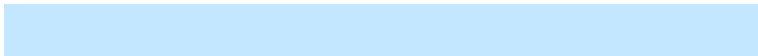
78.7223, 76.1037, 103.2417

Square

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



63.9994, 76.1037, 75.6063



69.7536, 76.1037, 110.2820



81.3631, 76.1037, 90.5719



74.9778, 76.1037, 60.4145

Rectangle

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



63.9994, 76.1037, 75.6063



65.0174, 76.1037, 97.9225



81.3631, 76.1037, 90.5719



80.1805, 76.1037, 69.4343

Sweetspot

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



64.0015, 76.1069, 75.6080



88.4897, 96.7513, 102.5717



67.0305, 77.9862, 61.3901



18.7939, 20.6362, 21.8104



0.0000, 0.0000, 0.0000



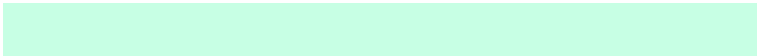
20.3446, 21.4041, 23.3091

Same Dimension

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



64.0015, 76.1069, 75.6080



73.3212, 89.2623, 86.9260



66.6659, 76.8354, 90.6778



15.1972, 16.9937, 17.7213



18.5829, 33.8876, 16.3007



1.5078, 2.6804, 1.5359

Inverse Universe

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



65.4546, 60.3381, 71.1507



75.3236, 67.5341, 80.7849



63.1198, 59.6625, 58.0594



15.3649, 15.1738, 17.2067



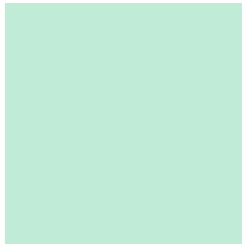
20.7644, 10.5084, 9.8264



1.6789, 0.8445, 1.0262

Previews

White Background



This preview shows how the XYZ color 63.9994, 76.1037, 75.6063 looks on a white background.

Color Contrast Check

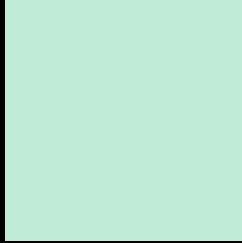
Large Text (above 18pt) WCAG AA × Fail

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 63.9994, 76.1037, 75.6063 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

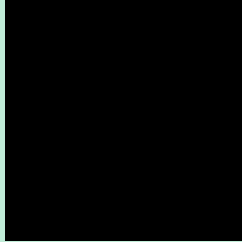
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

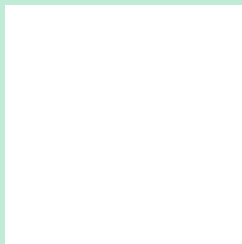
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 63.9994, 76.1037, 75.6063

Background



This preview shows how black text looks on a background with the XYZ color 63.9994, 76.1037, 75.6063.



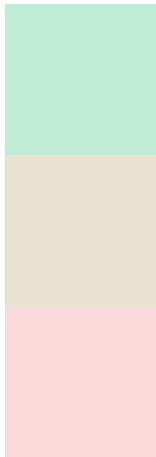
This preview shows how white text looks on a background with the XYZ color 63.9994, 76.1037,

75.6063.

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

63.9994, 76.1037, 75.6063

Protanopia

72.0381, 75.7775, 71.1513

Deuteranopia

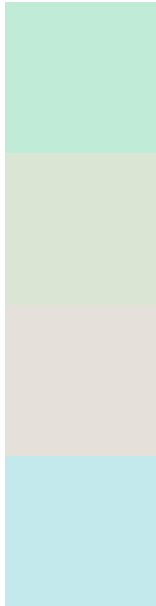
77.2819, 75.5813, 77.5333



Tritanopia

68.9635, 75.9971, 100.6567

Trichromacy



Original Color

63.9994, 76.1037, 75.6063

Protanomaly

68.6906, 75.6472, 72.6090

Deuteranomaly

71.8932, 75.5704, 77.1270

Tritanomaly

67.1899, 76.1280, 91.2737

Monochromacy



Original Color

63.9994, 76.1037, 75.6063

Achromatopsia

68.0267, 71.5694, 77.9390

Achromatomaly

66.4296, 73.1563, 76.9490

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.9994, 76.1037, 75.6063 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(192, 236, 215)` looks like.

```
.text, #text, p{  
    color:rgb(192, 236, 215)  
}
```

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(192, 236, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 236, 215) }
```

Border

The CSS property to change the border of an element to XYZ 63.9994, 76.1037, 75.6063 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(192, 236, 215) }
```


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

```
.border{ border-color:rgb(192, 236, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 236, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 236, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 236, 215);  
box-shadow:4px 4px 4px 4px rgb(192, 236,  
215) }
```

Background

The CSS property to change the background color of an element to XYZ 63.9994, 76.1037, 75.6063 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 236, 215) }
```

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

```
.background{ background-color: rgb(192,  
236, 215) }
```

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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