

Converting Colors

XYZ(63.3153, 74.7802, 75.3386)

Have a look what the booklet for
XYZ(63.3153, 74.7802, 75.3386)
contains.

XYZ(63.4268, 74.9584, 75.4155)	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(63.4268, 74.9584,
75.4155)**

Conversions

Conversions Part 1

Format	Color
Hex	C0EAD7
RGB	192, 234, 215
RGB Percent	75%, 92%, 84%
CMY	0.2471, 0.0823, 0.1569
CMYK	0.18, 0.00, 0.08, 0.08
HSL	153°, 50%, 84%
HSV	153°, 18%, 92%
XYZ	63.4268, 74.9584, 75.4155
YIQ	219.2760, -18.9330, -14.8130

Conversions

Conversions Part 2

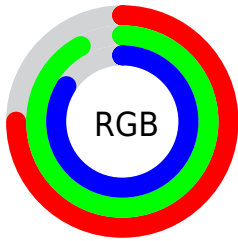
Format	Color
RYB	192, 219, 234
Decimal	12643031
CIELab	89.37, -17.26, 4.72
CIELCh	89, 17.898, 164.698
Yxy	74.9584, 0.2967, 0.3506
Android (android.graphics.Color)	4290833111 (0xFFC0EAD7)
YUV	219.2760, -2.1081, -23.9211
Hunter-Lab	86.5785, -20.7446, 8.9595

Details

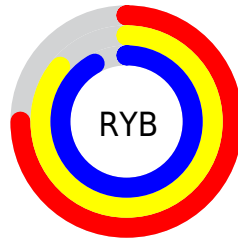
The XYZ color **63.4268, 74.9584, 75.4155** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **64.5418, 59.8968, 69.7908**, and the grayscale version is **67.5488, 71.0666, 77.3916**.

A 20% lighter version of the original color is **92.8769, 98.8797, 108.7983**, and **32.7468, 39.7821, 39.2105** is the 20% darker color. If you saturate the color by 10%, you get **56.6499, 71.6190, 68.2261**, and if you desaturate by 10%, it is **71.2379, 78.8249, 83.1161**.

Distribution



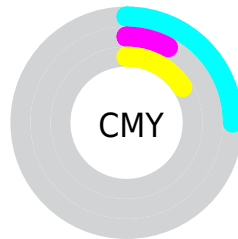
- Red (75%)
- Green (92%)
- Blue (84%)



- Red (75%)
- Yellow (86%)
- Blue (92%)



- Cyan (18%)
- Magenta (0%)
- Yellow (8%)
- Black (8%)



- Cyan (25%)
- Magenta (8%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 63.4268, 74.9584, 75.4155 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 63.4268, 74.9584, 75.4155 by changing the saturation by 10% instead.

63.4268, 74.9584,
75.4155

63.4268, 74.9584,
75.4155

426.7519,
477.7746, 498.6380

46.4465, 55.5788,
55.4496

108.8634,
126.2535, 128.6528

32.8044, 39.8653,
39.3607

138.0504,
158.9377, 162.7614

22.1352, 27.4336,
26.7305

172.0370,
196.8257, 202.4211

14.0734, 17.8991,
17.1403

211.1886,
240.3017, 248.0507

8.2538, 10.8776,
10.1715

255.8705,
289.7503, 300.0686

4.3109, 5.9846,
5.4058


306.4482,

1.8795, 2.8357,


345.5556, 358.8935


2.4244


363.2868,
408.1023, 424.9437


 0.5649, 1.0466,
0.7997


 0.0000, 0.0000,
0.0000


 63.4268, 74.9584,
75.4155

 63.4268, 74.9584,
75.4155


 56.6499, 71.6190,
68.2261


 71.2379, 78.8249,
83.1161


 50.8550, 68.7738,
61.5321

 80.1202, 83.2312,
91.3332

 45.9944, 66.4004,
55.3239

 87.4161, 86.8092,
99.9522

 42.0139, 64.4712,
49.5898

 88.7142, 87.3284,
106.7881

■ 38.8534, 62.9553,
44.3176

■ 36.4449, 61.8179,
39.4944

■ 34.7084, 61.0180,
35.1061

■ 33.5342, 60.4993,
31.1373

■ 33.3295, 60.4105,
30.3728

Harmonies

Analogous

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



65.4843, 74.9584, 65.6439



63.4268, 74.9584, 75.4155



63.4056, 74.9584, 87.8915

Triad

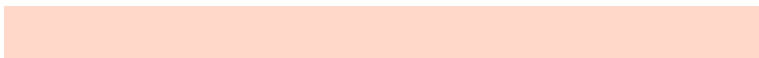
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



63.4268, 74.9584, 75.4155



73.4042, 74.9584, 107.2424



77.4017, 74.9584, 65.7993

Complementary

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



63.4268, 74.9584, 75.4155



64.5418, 59.8968, 69.7908

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.



79.7069, 74.9584, 75.6484



63.4268, 74.9584, 75.4155



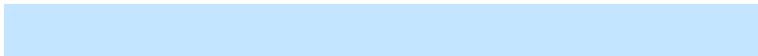
77.3355, 74.9584, 99.9912

Square

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



63.4268, 74.9584, 75.4155



69.0461, 74.9584, 107.1636



79.6822, 74.9584, 88.1494



73.4916, 74.9584, 60.4918

Rectangle

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



63.4268, 74.9584, 75.4155



64.5431, 74.9584, 96.1324



79.6822, 74.9584, 88.1494



78.3970, 74.9584, 68.6416

Sweetspot

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



63.4289, 74.9615, 75.4172



89.5989, 97.2955, 103.8696



65.9760, 76.5924, 61.1768



19.0196, 20.7468, 22.0838



0.0000, 0.0000, 0.0000



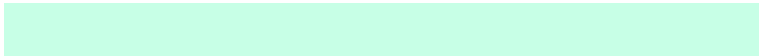
20.3446, 21.4041, 23.3091

Same Dimension

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



63.4289, 74.9615, 75.4172



73.5161, 89.3402, 87.9525



65.6179, 75.2018, 88.9026



15.2134, 17.0002, 17.8067



18.7928, 33.9716, 17.4059



1.5241, 2.6870, 1.6217

Inverse Universe

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



64.5418, 59.8968, 69.7908



75.1331, 67.4579, 79.7816



62.6069, 59.6170, 58.0778



15.3488, 15.1674, 17.1220



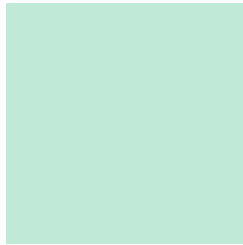
20.5874, 10.4376, 8.8945



1.6645, 0.8388, 0.9508

Previews

White Background



This preview shows how the XYZ color 63.4268, 74.9584, 75.4155 looks on a white background.

Color Contrast Check

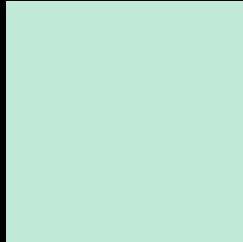
Large Text (above 18pt) WCAG AA × Fail

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 63.4268, 74.9584, 75.4155 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

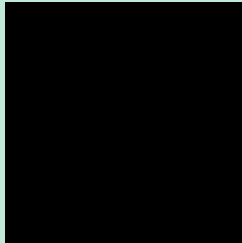
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

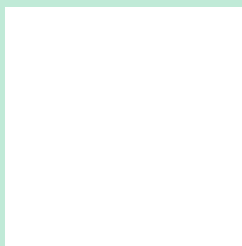
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 63.4268, 74.9584, 75.4155

Background



This preview shows how black text looks on a background with the XYZ color 63.4268, 74.9584, 75.4155.



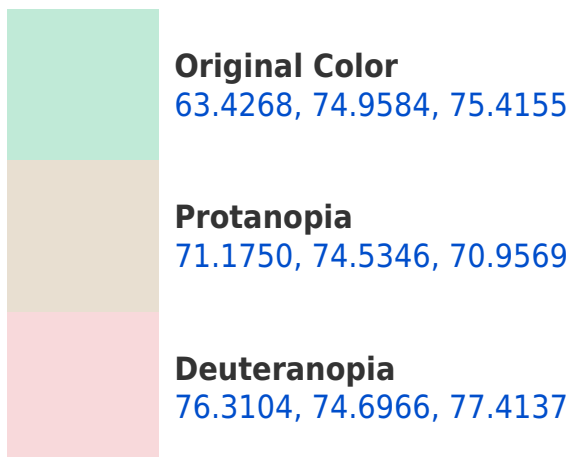
This preview shows how white text looks on a background with the XYZ color 63.4268, 74.9584,

75.4155.

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

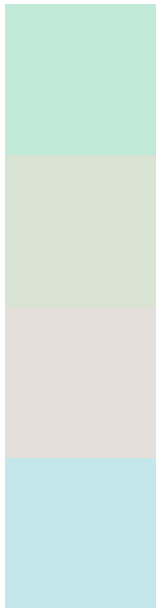




Tritanopia

68.0965, 74.7598, 98.8367

Trichromacy



Original Color

63.4268, 74.9584, 75.4155

Protanomaly

67.8422, 74.3930, 72.4116

Deuteranomaly

71.0375, 74.3313, 76.9330

Tritanomaly

66.3363, 74.8857, 89.5554

Monochromacy



Original Color

63.4268, 74.9584, 75.4155

Achromatopsia

67.3311, 70.8376, 77.1421

Achromatomaly

65.6050, 71.9286, 76.7555

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.4268, 74.9584, 75.4155 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, 234, 215)` looks like.

```
.text, #text, p{  
    color:rgb(192, 234, 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, 234, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 234, 215) }
```

Border

The CSS property to change the border of an element to XYZ 63.4268, 74.9584, 75.4155 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, 234, 215) }
```


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

```
.border{ border-color:rgb(192, 234, 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, 234, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 234, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 234, 215);  
box-shadow:4px 4px 4px 4px rgb(192, 234,  
215) }
```

Background

The CSS property to change the background color of an element to XYZ 63.4268, 74.9584, 75.4155 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 234, 215) }
```

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

```
.background{ background-color: rgb(192,  
234, 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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