

Converting Colors

XYZ(66.3172, 76.4484, 75.5507)

Have a look what the booklet for
XYZ(66.3172, 76.4484, 75.5507)
contains.

XYZ(66.3172, 76.4484, 75.5507)	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(66.3172, 76.4484,
75.5507)**

Conversions

Conversions Part 1

Format	Color
Hex	CBEAD7
RGB	203, 234, 215
RGB Percent	80%, 92%, 84%
CMY	0.2039, 0.0823, 0.1569
CMYK	0.13, 0.00, 0.08, 0.08
HSL	143°, 42%, 86%
HSV	143°, 13%, 92%
XYZ	66.3172, 76.4484, 75.5507
YIQ	222.5650, -12.3770, -12.4810

Conversions

Conversions Part 2

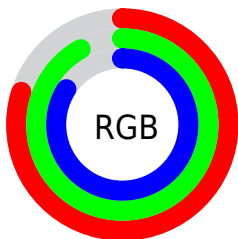
Format	Color
R _Y B	203, 225, 234
Decimal	13363927
CIE Lab	90.07, -13.71, 5.81
CIE LCh	90, 14.895, 157.028
Yxy	76.4484, 0.3038, 0.3502
Android (android.graphics.Color)	4291554007 (0xFFCBEAD7)
YUV	222.5650, -3.7295, -17.1585
Hunter-Lab	87.4348, -17.6228, 9.9730

Details

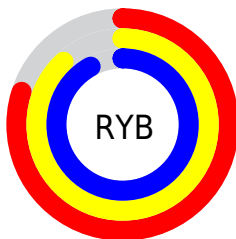
The XYZ color **66.3172, 76.4484, 75.5507** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **68.4752, 65.4803, 78.1408**, and the grayscale version is **69.8644, 73.5027, 80.0445**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.6600, 40.7684, 39.3000** is the 20% darker color. If you saturate the color by 10%, you get **58.6564, 72.7050, 65.9899**, and if you desaturate by 10%, it is **75.1057, 80.7588, 86.0111**.

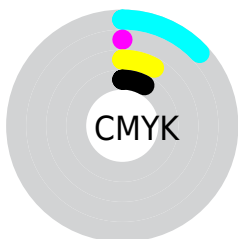
Distribution



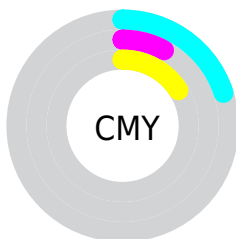
- Red (80%)
- Green (92%)
- Blue (84%)



- Red (80%)
- Yellow (88%)
- Blue (92%)



- Cyan (13%)
- Magenta (0%)
- Yellow (8%)
- Black (8%)



- Cyan (20%)
- Magenta (8%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.3172, 76.4484, 75.5507 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 66.3172, 76.4484, 75.5507 by changing the saturation by 10% instead.

66.3172, 76.4484,
75.5507

66.3172, 76.4484,
75.5507

436.9812,
482.8813, 499.1141

48.7986, 56.8003,
55.5597

112.9967,
128.3605, 128.8459

34.6736, 40.8449,
39.4484

142.8883,
161.3934, 162.9871

23.5769, 28.1979,
26.7982

177.6349,
199.6565, 202.6822

15.1431, 18.4749,
17.1906

217.6020,
243.5344, 248.3497

9.0068, 11.2915,
10.2071

263.1548,
293.4114, 300.4080

4.8028, 6.2632,
5.4291

314.6587,

2.1656, 3.0058,

349.6720, 359.2759

2.4381

372.4790,
412.7005, 425.3717

0.7245, 1.1348,
0.8071

0.0000, 0.0074,
0.0000

66.3172, 76.4484,
75.5507

66.3172, 76.4484,
75.5507

58.6564, 72.7050,
65.9899

75.1057, 80.7588,
86.0111

52.0699, 69.4950,
57.2998

85.0598, 85.6488,
97.3887

46.5093, 66.7963,
49.4573

88.7142, 87.3285,
106.7881

41.9199, 64.5810,
42.4364

■ 38.2415, 62.8187,
36.2098

■ 35.4072, 61.4755,
30.7485

■ 33.3399, 60.5123,
26.0217

■ 31.9471, 59.8819,
21.9961

■ 31.2942, 59.5964,
19.6549

Harmonies

Analogous

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



68.4683, 76.4484, 68.0341



66.3172, 76.4484, 75.5507



65.8386, 76.4484, 85.7529

Triad

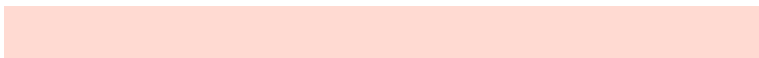
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



66.3172, 76.4484, 75.5507



73.5344, 76.4484, 105.1023



78.4806, 76.4484, 71.5815

Complementary

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



66.3172, 76.4484, 75.5507



68.4752, 65.4803, 78.1408

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.



79.9411, 76.4484, 80.7753



66.3172, 76.4484, 75.5507



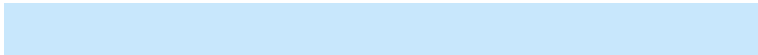
77.0233, 76.4484, 100.5563

Square

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



66.3172, 76.4484, 75.5507



69.9252, 76.4484, 103.4057



79.3989, 76.4484, 91.4326



75.4691, 76.4484, 65.8817

Rectangle

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



66.3172, 76.4484, 75.5507



66.5173, 76.4484, 92.8287



79.3989, 76.4484, 91.4326



79.1738, 76.4484, 74.3342

Sweetspot

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



66.3193, 76.4516, 75.5524



90.4060, 97.7204, 103.5135



70.3651, 78.7090, 67.9848



19.1692, 20.8272, 21.9437



0.0000, 0.0000, 0.0000



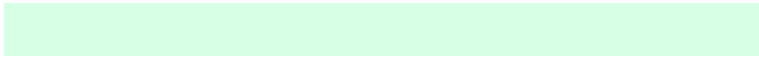
20.3446, 21.4041, 23.3091

Same Dimension

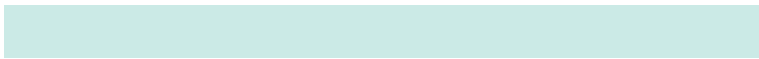
The Same Dimension uses a secret algorithm to generate beautiful new colors.



66.3193, 76.4516, 75.5524



77.8317, 91.5590, 88.4273



68.3908, 77.2802, 86.4609



15.1097, 16.9587, 17.2603



17.6419, 33.5112, 11.3454



1.4312, 2.6498, 1.1323

Inverse Universe

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



68.4752, 65.4803, 78.1408



80.9480, 75.6987, 92.1677



66.5057, 64.6924, 67.7692



15.4535, 15.2092, 17.6732



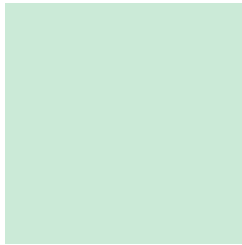
21.9356, 10.9769, 15.9941



1.7693, 0.8807, 1.5026

Previews

White Background



This preview shows how the XYZ color 66.3172, 76.4484, 75.5507 looks on a white background.

Color Contrast Check

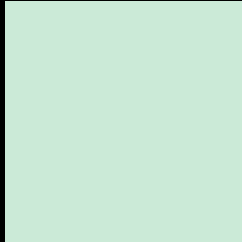
Large Text (above 18pt) WCAG AA × Fail

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 66.3172, 76.4484, 75.5507 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

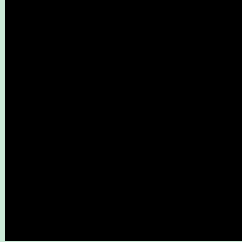
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

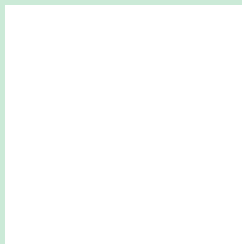
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 66.3172, 76.4484, 75.5507

Background



This preview shows how black text looks on a background with the XYZ color 66.3172, 76.4484, 75.5507.

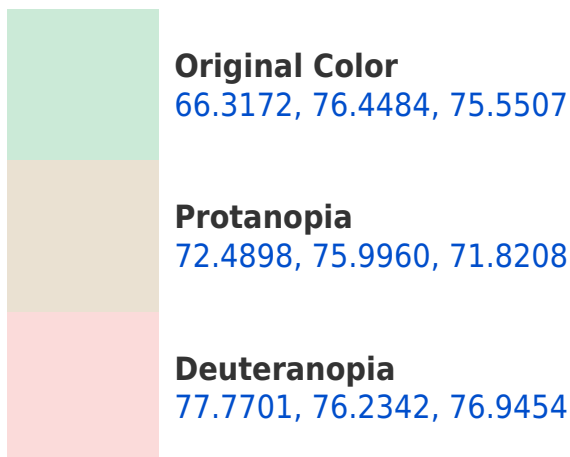


This preview shows how white text looks on a background with the XYZ color 66.3172, 76.4484,

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

71.1023, 76.3093, 98.9774

Trichromacy



Original Color

66.3172, 76.4484, 75.5507

Protanomaly

70.0585, 75.9282, 73.2505

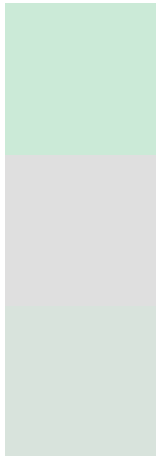
Deuteranomaly

73.1117, 75.8135, 76.4257

Tritanomaly

69.3034, 76.4154, 89.6942

Monochromacy



Original Color

66.3172, 76.4484, 75.5507

Achromatopsia

70.1384, 73.7910, 80.3584

Achromatomaly

68.7063, 74.7044, 78.5083

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.3172, 76.4484, 75.5507 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(203, 234, 215)` looks like.

```
.text, #text, p{  
    color:rgb(203, 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(203, 234, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 234, 215) }
```

Border

The CSS property to change the border of an element to XYZ 66.3172, 76.4484, 75.5507 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(203, 234, 215) }
```


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

```
.border{ border-color:rgb(203, 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(203, 234, 215) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 234, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 234, 215);  
box-shadow:4px 4px 4px 4px rgb(203, 234,  
215) }
```

Background

The CSS property to change the background color of an element to XYZ 66.3172, 76.4484, 75.5507 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 234, 215) }
```

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

```
.background{ background-color: rgb(203,  
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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