

Converting Colors

XYZ(62.5479, 67.6511, 76.0187)

Have a look what the booklet for
XYZ(62.5479, 67.6511, 76.0187)
contains.

XYZ(62.6446, 67.6668, 76.0889)	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(62.6446, 67.6668,
76.0889)**

Conversions

Conversions Part 1

Format	Color
Hex	CDD9DA
RGB	205, 217, 218
RGB Percent	80%, 85%, 85%
CMY	0.1961, 0.1490, 0.1451
CMYK	0.06, 0.00, 0.00, 0.15
HSL	185°, 15%, 83%
HSV	185°, 6%, 85%
XYZ	62.6446, 67.6668, 76.0889
YIQ	213.5260, -7.4730, -2.2330

Conversions

Conversions Part 2

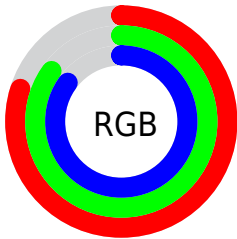
Format	Color
R _Y B	205, 211, 218
Decimal	13490650
CIE Lab	85.84, -3.83, -1.89
CIE LCh	86, 4.277, 206.299
Yxy	67.6668, 0.3035, 0.3278
Android (android.graphics.Color)	4291680730 (0xFFCDD9DA)
YUV	213.5260, 2.2057, -7.4773
Hunter-Lab	82.2598, -8.0188, 2.7397

Details

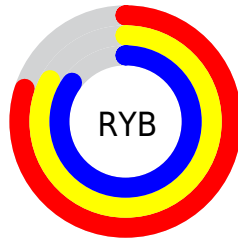
The XYZ color **62.6446, 67.6668, 76.0889** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **62.0044, 63.4553, 66.7389**, and the grayscale version is **63.5890, 66.9006, 72.8547**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **32.2937, 35.0643, 39.7164** is the 20% darker color. If you saturate the color by 10%, you get **56.6170, 63.9251, 75.6854**, and if you desaturate by 10%, it is **69.5183, 71.8549, 76.5360**.

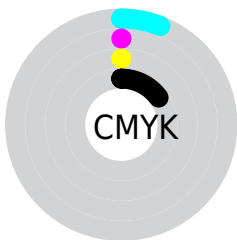
Distribution



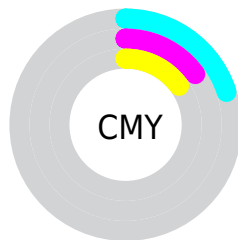
- Red (80%)
- Green (85%)
- Blue (85%)



- Red (80%)
- Yellow (83%)
- Blue (85%)



- Cyan (6%)
- Magenta (0%)
- Yellow (0%)
- Black (15%)



- Cyan (20%)
- Magenta (15%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.6446, 67.6668, 76.0889 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 62.6446, 67.6668, 76.0889 by changing the saturation by 10% instead.

■ 62.6446, 67.6668,
76.0889

■ 62.6446, 67.6668,
76.0889

423.9587,
452.3146, 501.0069

■ 45.8113, 49.6267,
55.9983

107.7413,
115.8753, 129.6138

■ 32.3009, 35.1169,
39.7976

136.7355,
146.8126, 163.8852

■ 21.7481, 23.7529,
27.0682

170.5139,
182.8177, 203.7206

■ 13.7875, 15.1504,
17.3915

209.4421,
224.2750, 249.5386

■ 8.0537, 8.9250,
10.3491

253.8853,
271.5690, 301.7577

■ 4.1814, 4.6923,
5.5224

304.2089,

■ 1.8053, 2.0679,

325.0839, 360.7964

2.4929

360.7782,
385.2044, 427.0733

■ 0.5209, 0.6465,
0.8364

■ 0.0000, 0.0000,
0.0000

■ 62.6446, 67.6668,
76.0889

■ 62.6446, 67.6668,
76.0889

■ 56.6170, 63.9251,
75.6854

■ 69.5183, 71.8549,
76.5360

■ 51.3953, 60.6034,
75.3195

■ 77.2647, 76.4976,
77.0239

■ 46.9446, 57.6856,
74.9909

■ 80.0213, 78.5744,
77.2795

■ 43.2251, 55.1511,
74.6977

■ 80.4674, 79.4666,
77.4282

40.1935, 52.9778,
74.4380

80.9179, 80.3677,
77.5784

37.8021, 51.1408,
74.2094

81.3729, 81.2777,
77.7300

35.9967, 49.6123,
74.0096

81.8323, 82.1965,
77.8832

34.7145, 48.3598,
73.8354

82.2962, 83.1242,
78.0378

33.8774, 47.3432,
73.6833

82.7645, 84.0609,
78.1939

Harmonies

Analogous

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



62.4574, 67.6668, 73.3307



62.6446, 67.6668, 76.0889



63.2778, 67.6668, 78.2482

Triad

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



62.6446, 67.6668, 76.0889



65.8920, 67.6668, 76.7055



64.4367, 67.6668, 68.4344

Complementary

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



62.6446, 67.6668, 76.0889



62.0044, 63.4553, 66.7389

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.



65.3640, 67.6668, 69.2886



62.6446, 67.6668, 76.0889



66.2096, 67.6668, 74.0257

Square

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



62.6446, 67.6668, 76.0889



65.1518, 67.6668, 78.6105



66.0154, 67.6668, 71.3179



63.4859, 67.6668, 68.9556

Rectangle

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



62.6446, 67.6668, 76.0889



63.8710, 67.6668, 79.0332



66.0154, 67.6668, 71.3179



64.7616, 67.6668, 68.5697

Sweetspot

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



62.6465, 67.6697, 76.0904



93.0739, 98.7963, 108.7718



61.3737, 67.5728, 68.1169



19.9424, 21.1591, 23.2830



0.0000, 0.0000, 0.0000



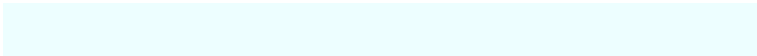
20.3446, 21.4041, 23.3091

Same Dimension

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



62.6465, 67.6697, 76.0904



88.3502, 95.9004, 108.4618



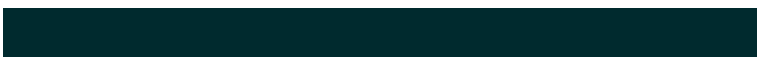
61.0361, 64.4488, 75.5536



13.6149, 14.8103, 16.7932



20.1710, 28.2115, 44.1206



1.3327, 1.8796, 2.8670

Inverse Universe

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



63.2707, 63.5792, 74.5863



89.3981, 89.0474, 105.9330



63.5692, 66.5848, 67.2604



13.7879, 13.6799, 16.3755



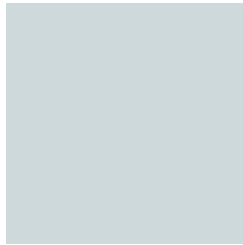
23.6767, 11.4717, 34.2733



1.5470, 0.7484, 2.2894

Previews

White Background



This preview shows how the XYZ color 62.6446, 67.6668, 76.0889 looks on a white background.

Color Contrast Check

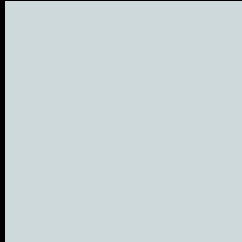
Large Text (above 18pt) WCAG AA × Fail

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 62.6446, 67.6668, 76.0889 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

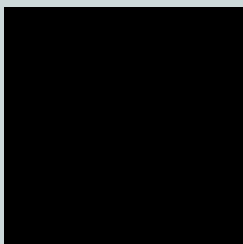
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

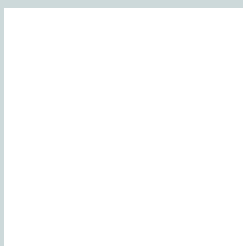
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 62.6446, 67.6668, 76.0889

Background



This preview shows how black text looks on a background with the XYZ color 62.6446, 67.6668, 76.0889.

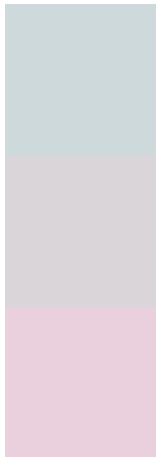


This preview shows how white text looks on a background with the XYZ color 62.6446, 67.6668,

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

62.6446, 67.6668, 76.0889

Protanopia

65.1024, 67.4518, 74.5540

Deuteranopia

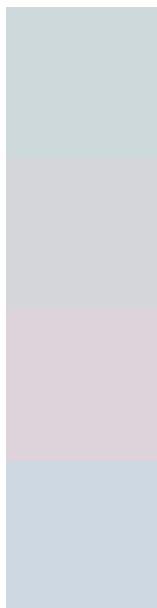
69.0784, 67.6027, 77.1179



Tritanopia

64.5981, 67.6925, 86.0052

Trichromacy



Original Color

62.6446, 67.6668, 76.0889

Protanomaly

64.0115, 67.2490, 75.2522

Deuteranomaly

66.5119, 67.3910, 76.5200

Tritanomaly

63.8746, 67.7796, 82.3893

Monochromacy



Original Color

62.6446, 67.6668, 76.0889

Achromatopsia

63.9157, 67.2443, 73.2291

Achromatomaly

63.4301, 67.3561, 73.9479

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.6446, 67.6668, 76.0889 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(205, 217, 218) looks like.

```
.text, #text, p{  
    color:rgb(205, 217, 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(205, 217, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 217, 218) }
```

Border

The CSS property to change the border of an element to XYZ 62.6446, 67.6668, 76.0889 is called "border". The border property can be set on classes, ids or directly on the HTML element.

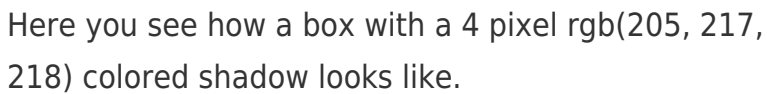
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(205, 217, 218) }
```


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

```
.border{ border-color:rgb(205, 217, 218) }
```

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



Here you see how a box with a 4 pixel `rgb(205, 217, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 217, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 217, 218);  
box-shadow:4px 4px 4px 4px rgb(205, 217,  
218) }
```

Background

The CSS property to change the background color of an element to XYZ 62.6446, 67.6668, 76.0889 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 217, 218) }
```

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

```
.background{ background-color: rgb(205,  
217, 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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