

Converting Colors

XYZ(61.0120, 66.8618, 72.9380)

Have a look what the booklet for
XYZ(61.0120, 66.8618, 72.9380)
contains.

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Color

**XYZ(60.9105, 66.8473,
72.6433)**

Conversions

Conversions Part 1

Format	Color
Hex	C9D9D5
RGB	201, 217, 213
RGB Percent	79%, 85%, 84%
CMY	0.2118, 0.1490, 0.1647
CMYK	0.07, 0.00, 0.02, 0.15
HSL	165°, 17%, 82%
HSV	165°, 7%, 85%
XYZ	60.9105, 66.8473, 72.6433
YIQ	211.7600, -8.2520, -4.6360

Conversions

Conversions Part 2

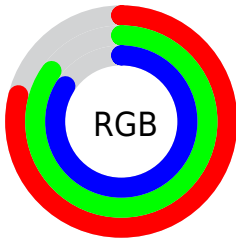
Format	Color
R _Y B	201, 210, 217
Decimal	13228501
CIE Lab	85.43, -6.11, 0.11
CIE LCh	85, 6.109, 178.932
Yxy	66.8473, 0.3039, 0.3336
Android (android.graphics.Color)	4291418581 (0xFFC9D9D5)
YUV	211.7600, 0.6113, -9.4365
Hunter-Lab	81.7602, -10.0997, 4.5534

Details

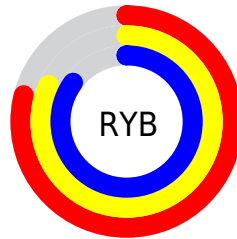
The XYZ color **60.9105, 66.8473, 72.6433** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **60.5238, 60.9346, 66.3324**, and the grayscale version is **62.4215, 65.6723, 71.5171**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **31.1245, 34.5123, 37.3689** is the 20% darker color. If you saturate the color by 10%, you get **54.8069, 63.7809, 68.8218**, and if you desaturate by 10%, it is **67.8651, 70.3534, 76.6278**.

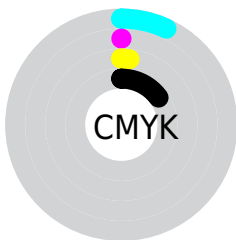
Distribution



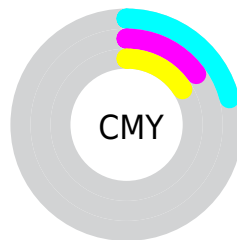
- Red (79%)
- Green (85%)
- Blue (84%)



- Red (79%)
- Yellow (82%)
- Blue (85%)



- Cyan (7%)
- Magenta (0%)
- Yellow (2%)
- Black (15%)



- Cyan (21%)
- Magenta (15%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.9105, 66.8473, 72.6433 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 60.9105, 66.8473, 72.6433 by changing the saturation by 10% instead.

■ 60.9105, 66.8473,
72.6433

■ 60.9105, 66.8473,
72.6433

417.7269,
449.4010, 488.8152

■ 44.4052, 48.9605,
53.1943

105.2482,
114.7016, 124.6869

■ 31.1885, 34.5882,
37.5691

133.8113,
145.4379, 158.1186

■ 20.8949, 23.3458,
25.3492

167.1244,
181.2262, 197.0483

■ 13.1592, 14.8491,
16.1160

205.5528,
222.4508, 241.8945

■ 7.6161, 8.7135,
9.4511

249.4619,
269.4963, 293.0757

■ 3.9000, 4.5548,
4.9357

299.2171,

■ 1.6457, 1.9885,

322.7468, 351.0106

2.1515

355.1836,
382.5870, 416.1175

■ 0.4219, 0.6008,
0.6462

■ 0.0000, 0.0000,
0.0000

■ 60.9105, 66.8473,
72.6433

■ 60.9105, 66.8473,
72.6433

■ 54.8069, 63.7809,
68.8218

■ 67.8651, 70.3534,
76.6278

■ 49.5140, 61.1280,
65.1561


■ 75.6976, 74.3076,
80.7736


■ 44.9968, 58.8723,
61.6448

■ 80.2371, 76.5614,
84.8880


■ 41.2152, 56.9933,
58.2848


■ 81.0084, 76.8699,
88.9498


 38.1257, 55.4685,
55.0729

 81.8037, 77.1881,
93.1376


 35.6801, 54.2731,
52.0055

 82.6231, 77.5158,
97.4526

 33.8235, 53.3789,
49.0789

 83.4669, 77.8533,
101.8957

 32.4921, 52.7528,
46.2888

 84.1041, 78.1082,
105.2514

 31.5994, 52.3506,
43.6299

Harmonies

Analogous

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



61.2822, 66.8473, 68.9196



60.9105, 66.8473, 72.6433



61.2338, 66.8473, 76.5381

Triad

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



60.9105, 66.8473, 72.6433



64.8335, 66.8473, 79.6671



64.9207, 66.8473, 66.4454

Complementary

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



60.9105, 66.8473, 72.6433



60.5238, 60.9346, 66.3324

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.



65.8959, 66.8473, 69.1573



60.9105, 66.8473, 72.6433



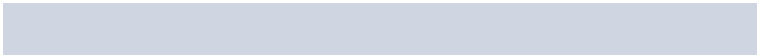
65.8451, 66.8473, 76.7930

Square

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



60.9105, 66.8473, 72.6433



63.4867, 66.8473, 80.6811



66.2366, 66.8473, 72.9276



63.5860, 66.8473, 65.4223

Rectangle

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



60.9105, 66.8473, 72.6433



61.8027, 66.8473, 78.6888



66.2366, 66.8473, 72.9276



65.3021, 66.8473, 67.1848

Sweetspot

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



60.9124, 66.8501, 72.6448



92.9938, 98.9636, 107.7351



60.6081, 66.8628, 64.9708



19.9260, 21.1931, 23.0721



0.0000, 0.0000, 0.0000



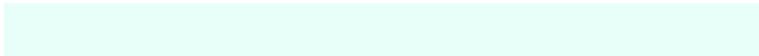
20.3446, 21.4041, 23.3091

Same Dimension

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



60.9124, 66.8501, 72.6448



86.1943, 95.5399, 103.7325



60.4753, 65.1526, 75.0373



13.2984, 14.7710, 16.0345



19.0512, 31.6531, 26.2327



1.2679, 2.0641, 1.8768

Inverse Universe

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



60.5238, 60.9346, 66.3324



85.5126, 85.1622, 92.6590



60.9277, 62.5059, 64.1130



13.1890, 13.1047, 14.2565



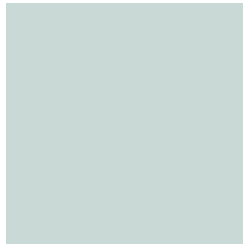
17.7652, 9.1071, 3.1435



1.1854, 0.6038, 0.3855

Previews

White Background



This preview shows how the XYZ color 60.9105, 66.8473, 72.6433 looks on a white background.

Color Contrast Check

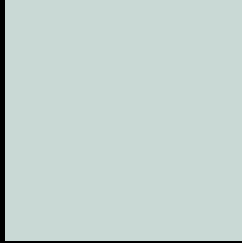
Large Text (above 18pt) WCAG AA × Fail

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 60.9105, 66.8473, 72.6433 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

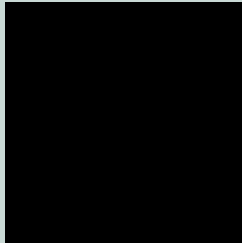
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

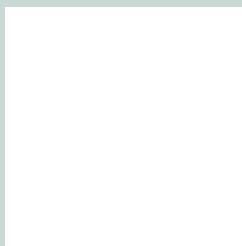
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 60.9105, 66.8473, 72.6433

Background



This preview shows how black text looks on a background with the XYZ color 60.9105, 66.8473, 72.6433.



This preview shows how white text looks on a background with the XYZ color 60.9105, 66.8473,

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

60.9105, 66.8473, 72.6433

Protanopia

64.0898, 66.6455, 70.4587

Deuteranopia

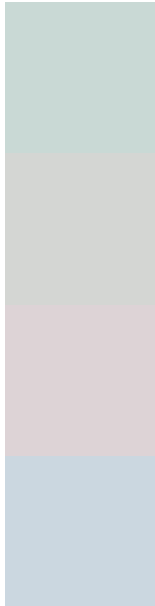
68.1828, 66.8556, 73.6008



Tritanopia

63.3722, 66.7000, 85.1356

Trichromacy



Original Color

60.9105, 66.8473, 72.6433

Protanomaly

62.9558, 66.7933, 71.2023

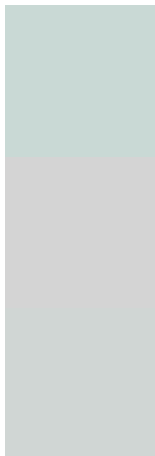
Deuteranomaly

65.2507, 66.8157, 73.0760

Tritanomaly

62.3836, 66.6792, 80.1034

Monochromacy



Original Color

60.9105, 66.8473, 72.6433

Achromatopsia

62.5785, 65.8375, 71.6970

Achromatomaly

61.9427, 66.2565, 71.8114

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.9105, 66.8473, 72.6433 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(201, 217, 213) looks like.

```
.text, #text, p{  
    color:rgb(201, 217, 213)  
}
```

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(201, 217, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 217, 213) }
```

Border

The CSS property to change the border of an element to XYZ 60.9105, 66.8473, 72.6433 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(201, 217, 213) }
```


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

```
.border{ border-color:rgb(201, 217, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 217, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 217, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 217, 213);  
box-shadow:4px 4px 4px 4px rgb(201, 217,  
213) }
```

Background

The CSS property to change the background color of an element to XYZ 60.9105, 66.8473, 72.6433 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 217, 213) }
```

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

```
.background{ background-color: rgb(201,  
217, 213) }
```

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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