

Converting Colors

XYZ(61.0523, 66.8489, 75.2895)

Have a look what the booklet for
XYZ(61.0523, 66.8489, 75.2895)
contains.

XYZ(61.1567, 66.9148, 75.3382)	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(61.1567, 66.9148,
75.3382)**

Conversions

Conversions Part 1

Format	Color
Hex	C8D9D9
RGB	200, 217, 217
RGB Percent	78%, 85%, 85%
CMY	0.2157, 0.1490, 0.1490
CMYK	0.08, 0.00, 0.00, 0.15
HSL	180°, 18%, 82%
HSV	180°, 8%, 85%
XYZ	61.1567, 66.9148, 75.3382
YIQ	211.9170, -10.1320, -3.6040

Conversions

Conversions Part 2

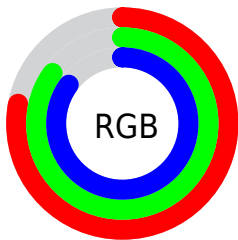
Format	Color
R_{YB}	200, 209, 217
Decimal	13162969
CIE _{Lab}	85.46, -5.67, -1.96
CIE _{LCh}	85, 6.004, 199.074
Yxy	66.9148, 0.3007, 0.3290
Android (android.graphics.Color)	4291353049 (0xFFC8D9D9)
YUV	211.9170, 2.5059, -10.4512
Hunter-Lab	81.8015, -9.7018, 2.6556

Details

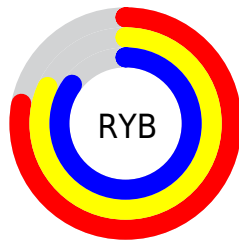
The XYZ color **61.1567, 66.9148, 75.3382** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **59.6974, 60.2323, 63.1264**, and the grayscale version is **62.5145, 65.7701, 71.6236**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **31.2960, 34.5603, 39.2037** is the 20% darker color. If you saturate the color by 10%, you get **55.7675, 64.1385, 75.0846**, and if you desaturate by 10%, it is **67.3723, 70.1209, 75.6332**.

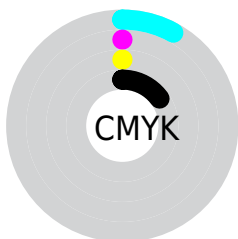
Distribution



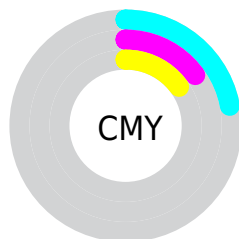
- Red (78%)
- Green (85%)
- Blue (85%)



- Red (78%)
- Yellow (82%)
- Blue (85%)



- Cyan (8%)
- Magenta (0%)
- Yellow (0%)
- Black (15%)



- Cyan (22%)
- Magenta (15%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.1567, 66.9148, 75.3382 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 61.1567, 66.9148, 75.3382 by changing the saturation by 10% instead.

■ 61.1567, 66.9148,
75.3382

■ 61.1567, 66.9148,
75.3382

418.6151,
449.6414, 498.3656

■ 44.6047, 49.0154,
55.3866

105.6026,
114.7983, 128.5425

■ 31.3461, 34.6317,
39.3106

134.2272,
145.5512, 162.6322

■ 21.0157, 23.3793,
26.6918

167.6067,
181.3574, 202.2718

■ 13.2480, 14.8738,
17.1115

206.1065,
222.6013, 247.8797

■ 7.6777, 8.7309,
10.1512

250.0918,
269.6672, 299.8745

■ 3.9395, 4.5661,
5.3924

299.9281,

■ 1.6679, 1.9950,

322.9396, 358.6747

2.4166

355.9808,
382.8029, 424.6989

■ 0.4361, 0.6046,
0.7954

■ 0.0000, 0.0000,
0.0000

■ 61.1567, 66.9148,
75.3382

■ 61.1567, 66.9148,
75.3382

■ 55.7675, 64.1385,
75.0846

■ 67.3723, 70.1209,
75.6332

■ 51.1645, 61.7656,
74.8664

■ 74.4411, 73.7649,
75.9668

■ 47.3128, 59.7800,
74.6834

■ 78.5803, 75.8986,
76.1633

■ 44.1724, 58.1611,
74.5337

■ 78.5808, 75.8988,
76.1661

41.6998, 56.8865,
74.4152

78.5813, 75.8990,
76.1689

39.8468, 55.9313,
74.3257

78.5818, 75.8993,
76.1717

38.5585, 55.2673,
74.2626

78.5824, 75.8995,
76.1745

37.7707, 54.8612,
74.2230

78.5829, 75.8997,
76.1773

37.3927, 54.6664,
74.2025

78.5834, 75.8999,
76.1801

Harmonies

Analogous

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



61.0629, 66.9148, 71.4461



61.1567, 66.9148, 75.3382



61.8998, 66.9148, 78.6756

Triad

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



61.1567, 66.9148, 75.3382



65.6004, 66.9148, 77.8848



64.0983, 66.9148, 65.7379

Complementary

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



61.1567, 66.9148, 75.3382



59.6974, 60.2323, 63.1264

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.



65.3321, 66.9148, 67.3360



61.1567, 66.9148, 75.3382



66.2075, 66.9148, 74.2901

Square

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



61.1567, 66.9148, 75.3382



64.4604, 66.9148, 80.1818



66.1086, 66.9148, 70.4345



62.7483, 66.9148, 65.9959

Rectangle

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



61.1567, 66.9148, 75.3382



62.6695, 66.9148, 80.0935



66.1086, 66.9148, 70.4345



64.5407, 66.9148, 66.0735

Sweetspot

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



61.1586, 66.9176, 75.3397



93.1984, 99.0455, 108.8125



59.1354, 66.1171, 64.2899



19.9677, 21.2098, 23.2913



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.



61.1586, 66.9176, 75.3397



87.1043, 95.9039, 108.5245



59.0931, 62.7860, 74.6532



13.4448, 14.8296, 16.8053



22.5988, 33.0722, 44.9143



1.4641, 2.1426, 2.9100

Inverse Universe

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



59.6974, 60.2323, 63.1264



84.6839, 84.8307, 88.2950



61.6518, 64.1418, 63.7760



13.0562, 13.0516, 13.5572



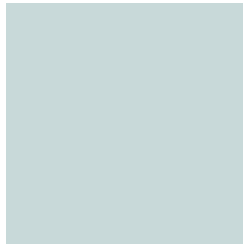
17.3224, 8.9300, 0.8116



1.1223, 0.5785, 0.0528

Previews

White Background



This preview shows how the XYZ color 61.1567, 66.9148, 75.3382 looks on a white background.

Color Contrast Check

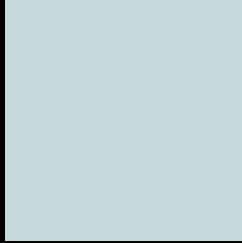
Large Text (above 18pt) WCAG AA × Fail

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 61.1567, 66.9148, 75.3382 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

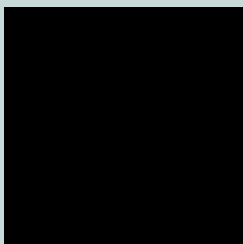
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

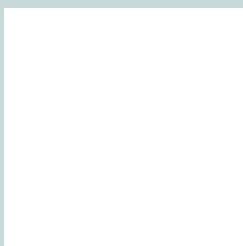
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 61.1567, 66.9148, 75.3382

Background



This preview shows how black text looks on a background with the XYZ color 61.1567, 66.9148, 75.3382.



This preview shows how white text looks on a background with the XYZ color 61.1567, 66.9148,

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

61.1567, 66.9148, 75.3382

Protanopia

64.2964, 66.6937, 73.1027

Deuteranopia

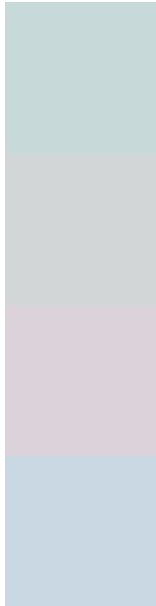
68.0540, 66.7290, 76.3110



Tritanopia

63.4945, 67.1236, 85.9536

Trichromacy



Original Color

61.1567, 66.9148, 75.3382

Protanomaly

63.1763, 66.8483, 73.8632

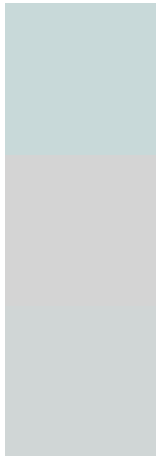
Deuteranomaly

65.4644, 66.8661, 75.7858

Tritanomaly

62.7781, 67.2143, 82.3379

Monochromacy



Original Color

61.1567, 66.9148, 75.3382

Achromatopsia

62.5785, 65.8375, 71.6970

Achromatomaly

62.1966, 66.3581, 73.1486

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.1567, 66.9148, 75.3382 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(200, 217, 217) looks like.

```
.text, #text, p{  
    color:rgb(200, 217, 217)  
}
```

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(200, 217, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 217, 217) }
```

Border

The CSS property to change the border of an element to XYZ 61.1567, 66.9148, 75.3382 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(200, 217, 217) }
```


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

```
.border{ border-color:rgb(200, 217, 217) }
```

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

Here you see how a box with a 4 pixel rgb(200, 217, 217) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 217, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 217, 217);  
box-shadow:4px 4px 4px 4px rgb(200, 217,  
217) }
```

Background

The CSS property to change the background color of an element to XYZ 61.1567, 66.9148, 75.3382 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 217, 217) }
```

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

```
.background{ background-color: rgb(200,  
217, 217) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor