

Converting Colors

XYZ(61.2869, 62.5880, 88.2353)

Have a look what the booklet for
XYZ(61.2869, 62.5880, 88.2353)
contains.

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Color

**XYZ(61.2990, 62.6162,
88.2122)**

Conversions

Conversions Part 1

Format	Color
Hex	C9CEEC
RGB	201, 206, 236
RGB Percent	79%, 81%, 93%
CMY	0.2118, 0.1921, 0.0745
CMYK	0.15, 0.13, 0.00, 0.07
HSL	231°, 48%, 86%
HSV	231°, 15%, 93%
XYZ	61.2990, 62.6162, 88.2122
YIQ	207.9250, -12.6100, 8.2700

Conversions

Conversions Part 2

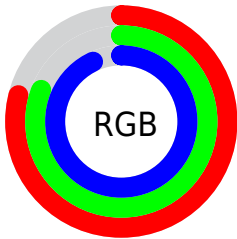
Format	Color
R _Y B	201, 205, 236
Decimal	13225708
CIE Lab	83.24, 4.23, -15.34
CIE LCh	83, 15.916, 285.423
Yxy	62.6162, 0.2890, 0.2952
Android (android.graphics.Color)	4291415788 (0xFFC9CEEC)
YUV	207.9250, 13.8410, -6.0732
Hunter-Lab	79.1304, -0.2017, -10.7034

Details

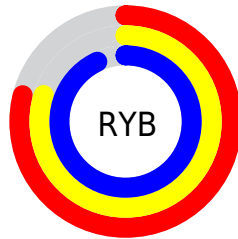
The XYZ color **61.2990, 62.6162, 88.2122** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **73.7110, 79.2016, 66.6622**, and the grayscale version is **59.8262, 62.9418, 68.5436**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **31.4991, 31.9548, 47.6877** is the 20% darker color. If you saturate the color by 10%, you get **50.8758, 50.4747, 86.4190**, and if you desaturate by 10%, it is **73.3274, 76.5187, 90.2627**.

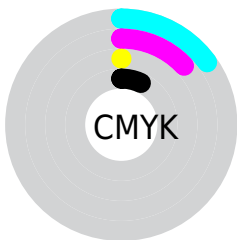
Distribution



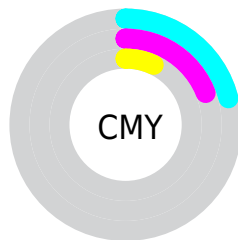
- Red (79%)
- Green (81%)
- Blue (93%)



- Red (79%)
- Yellow (80%)
- Blue (93%)



- Cyan (15%)
- Magenta (13%)
- Yellow (0%)
- Black (7%)



- Cyan (21%)
- Magenta (19%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.2990, 62.6162, 88.2122 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 61.2990, 62.6162, 88.2122 by changing the saturation by 10% instead.

■ 61.2990, 62.6162,
88.2122

■ 61.2990, 62.6162,
88.2122

419.1279,
434.1753, 542.6172

■ 44.7200, 45.5308,
65.9335

105.8074,
108.6156, 146.7663

■ 31.4373, 31.8757,
47.7623

134.4675,
138.2984, 183.8787

■ 21.0855, 21.2666,
33.2800

167.8853,
172.9491, 226.7728

■ 13.2993, 13.3190,
22.0682

206.4262,
212.9521, 275.8672

■ 7.7134, 7.6486,
13.7082

250.4556,
258.6919, 331.5802

■ 3.9624, 3.8709,
7.7816

300.3387,

■ 1.6809, 1.6016,

310.5527, 394.3305

3.8697

356.4411,
368.9190, 464.5367

■ 0.4442, 0.3587,
1.5542

■ 0.0000, 0.0000,
0.2578

■ 61.2990, 62.6162,
88.2122

■ 61.2990, 62.6162,
88.2122

■ 50.8758, 50.4747,
86.4190

■ 73.3274, 76.5187,
90.2627

■ 41.9839, 40.0160,
84.8689

■ 87.0192, 92.2406,
92.5757

■ 34.5523, 31.1677,
83.5527

■ 92.1405, 98.8362,
93.5788

■ 28.5019, 23.8490,
82.4590

■ 23.7462, 17.9718,
81.5752

■ 20.1884, 13.4391,
80.8878

■ 17.7180, 10.1415,
80.3815

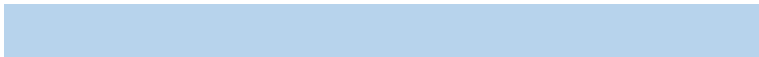
■ 16.2027, 7.9512,
80.0386

■ 15.7049, 7.1849,
79.9170

Harmonies

Analogous

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



57.8585, 62.6162, 88.2985



61.2990, 62.6162, 88.2122



64.3732, 62.6162, 82.4224

Triad

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



61.2990, 62.6162, 88.2122



64.3002, 62.6162, 55.5047



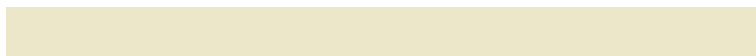
53.3143, 62.6162, 63.5012

Complementary

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



61.2990, 62.6162, 88.2122



73.7110, 79.2016, 66.6622

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.



54.9072, 62.6162, 55.6779



61.2990, 62.6162, 88.2122



61.2025, 62.6162, 51.3734

Square

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



61.2990, 62.6162, 88.2122



66.1511, 62.6162, 63.2430



57.7656, 62.6162, 51.4336



53.3379, 62.6162, 73.3641

Rectangle

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



61.2990, 62.6162, 88.2122



65.7627, 62.6162, 76.4015



57.7656, 62.6162, 51.4336



53.6757, 62.6162, 60.5676

Sweetspot

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



61.3009, 62.6188, 88.2136



88.6707, 92.6650, 107.8204



68.4725, 78.1650, 86.8958



18.7301, 19.5473, 23.0358



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.



61.3009, 62.6188, 88.2136



68.8417, 69.7277, 104.4382



63.5414, 62.0144, 87.9788



14.4049, 14.8962, 19.0383



8.7123, 4.0716, 44.0697



0.7384, 0.4283, 3.4786

Inverse Universe

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



66.6208, 64.0639, 67.2496



76.4158, 71.8503, 74.5766



71.2023, 80.0164, 66.9517



15.1532, 15.0891, 16.0918



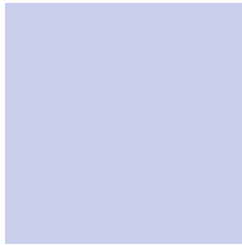
19.2529, 9.9038, 1.8670



1.5392, 0.7886, 0.2909

Previews

White Background



This preview shows how the XYZ color 61.2990, 62.6162, 88.2122 looks on a white background.

Color Contrast Check

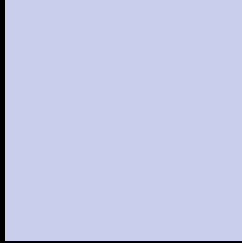
Large Text (above 18pt) WCAG AA × Fail

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 61.2990, 62.6162, 88.2122 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

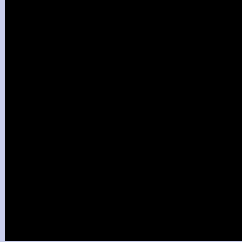
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.2990, 62.6162, 88.2122

Background



This preview shows how black text looks on a background with the XYZ color 61.2990, 62.6162, 88.2122.



This preview shows how white text looks on a background with the XYZ color 61.2990, 62.6162,

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

61.2990, 62.6162, 88.2122

Protanopia

61.5687, 62.7553, 88.2248

Deuteranopia

63.8472, 62.5016, 88.8197



Tritanopia

59.5636, 62.6357, 79.4716

Trichromacy



Original Color

61.2990, 62.6162, 88.2122

Protanomaly

61.5687, 62.7553, 88.2248

Deuteranomaly

62.9365, 62.3816, 88.8445

Tritanomaly

60.1358, 62.5064, 82.2942

Monochromacy



Original Color

61.2990, 62.6162, 88.2122

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

60.1446, 62.6667, 75.2556

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.2990, 62.6162, 88.2122 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, 206, 236)` looks like.

```
.text, #text, p{  
    color:rgb(201, 206, 236)  
}
```

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, 206, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 206, 236) }
```

Border

The CSS property to change the border of an element to XYZ 61.2990, 62.6162, 88.2122 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, 206, 236) }
```


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

```
.border{ border-color:rgb(201, 206, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 206, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 206, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 206, 236);  
box-shadow:4px 4px 4px 4px rgb(201, 206,  
236) }
```

Background

The CSS property to change the background color of an element to XYZ 61.2990, 62.6162, 88.2122 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 206, 236) }
```

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

```
.background{ background-color: rgb(201,  
206, 236) }
```

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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