

Converting Colors

XYZ(62.0133, 65.8769, 90.3897)

Have a look what the booklet for
XYZ(62.0133, 65.8769, 90.3897)
contains.

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Color

**XYZ(61.9849, 65.8683,
90.3358)**

Conversions

Conversions Part 1

Format	Color
Hex	C3D6EE
RGB	195, 214, 238
RGB Percent	76%, 84%, 93%
CMY	0.2353, 0.1608, 0.0667
CMYK	0.18, 0.10, 0.00, 0.07
HSL	213°, 56%, 85%
HSV	213°, 18%, 93%
XYZ	61.9849, 65.8683, 90.3358
YIQ	211.0550, -19.0280, 3.4360

Conversions

Conversions Part 2

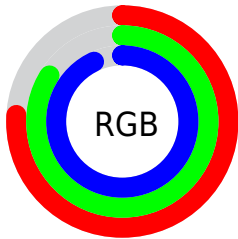
Format	Color
R _Y B	195, 208, 238
Decimal	12834542
CIE Lab	84.93, -1.44, -13.91
CIE LCh	85, 13.989, 264.079
Yxy	65.8683, 0.2841, 0.3019
Android (android.graphics.Color)	4291024622 (0xFFC3D6EE)
YUV	211.0550, 13.2839, -14.0802
Hunter-Lab	81.1593, -5.7005, -9.1823

Details

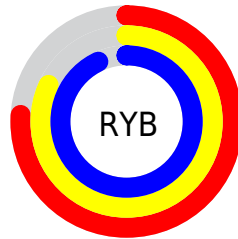
The XYZ color **61.9849, 65.8683, 90.3358** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **70.4423, 72.7804, 61.9666**, and the grayscale version is **61.8789, 65.1014, 70.8954**.

A 20% lighter version of the original color is **93.9549, 99.4354, 108.8487**, and **31.8261, 33.8364, 49.1096** is the 20% darker color. If you saturate the color by 10%, you get **53.0935, 56.4976, 88.9968**, and if you desaturate by 10%, it is **72.1346, 76.2979, 91.8150**.

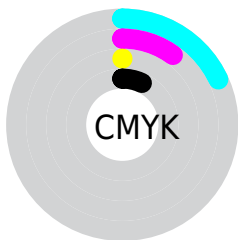
Distribution



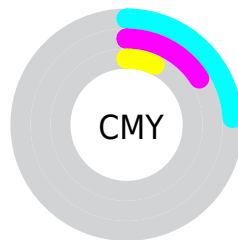
- Red (76%)
- Green (84%)
- Blue (93%)



- Red (76%)
- Yellow (82%)
- Blue (93%)



- Cyan (18%)
- Magenta (10%)
- Yellow (0%)
- Black (7%)



- Cyan (24%)
- Magenta (16%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.9849, 65.8683, 90.3358 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 61.9849, 65.8683, 90.3358 by changing the saturation by 10% instead.

■ 61.9849, 65.8683,
90.3358

■ 61.9849, 65.8683,
90.3358

421.5944,
445.9057, 549.7209

■ 45.2761, 48.1655,
67.6839

106.7938,
113.2973, 149.7443

■ 31.8771, 33.9580,
49.1755

135.6245,
143.7923, 187.3381

■ 21.4228, 22.8613,
34.3922

169.2266,
179.3201, 230.7495

■ 13.5476, 14.4911,
22.9152

207.9653,
220.2652, 280.3971

■ 7.8863, 8.4630,
14.3262

252.2061,
267.0119, 336.6996

■ 4.0735, 4.3926,
8.2066

302.3144,

■ 1.7438, 1.8955,

319.9446, 400.0753

4.1377

358.6553,
379.4477, 470.9429

■ 0.4834, 0.5457,
1.7012

■ 0.0000, 0.0000,
0.3616

■ 61.9849, 65.8683,
90.3358

■ 61.9849, 65.8683,
90.3358

■ 53.0935, 56.4976,
88.9968

■ 72.1346, 76.2979,
91.8150

■ 45.4015, 48.1409,
87.7892

■ 83.5860, 87.8132,
93.4342

■ 38.8541, 40.7615,
86.7099

■ 92.0676, 98.2227,
94.9964

■ 33.3895, 34.3172,
85.7540

■ 92.4328, 98.9531,
95.1181

■ 28.9395, 28.7619,
84.9163

■ 25.4274, 24.0446,
84.1909

■ 22.7635, 20.1071,
83.5713

■ 20.8261, 16.8743,
83.0494

■ 20.5024, 16.3124,
82.9580

Harmonies

Analogous

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



59.1291, 65.8683, 86.6581



61.9849, 65.8683, 90.3358



65.1024, 65.8683, 88.6980

Triad

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



61.9849, 65.8683, 90.3358



68.2832, 65.8683, 64.8915



57.8412, 65.8683, 62.0432

Complementary

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



61.9849, 65.8683, 90.3358



70.4423, 72.7804, 61.9666

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.



60.1740, 65.8683, 57.0587



61.9849, 65.8683, 90.3358



66.2162, 65.8683, 58.6044

Square

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



61.9849, 65.8683, 90.3358



68.8072, 65.8683, 73.5185



63.2309, 65.8683, 55.8543



56.7888, 65.8683, 69.9499

Rectangle

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



61.9849, 65.8683, 90.3358



66.9018, 65.8683, 84.8762



63.2309, 65.8683, 55.8543



58.4978, 65.8683, 59.9977

Sweetspot

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



61.9869, 65.8710, 90.3373



88.2857, 93.2053, 107.9450



65.8217, 77.8485, 78.3349



18.7000, 19.7509, 23.0767



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.



61.9869, 65.8710, 90.3373



68.1495, 72.4941, 105.0086



58.0144, 57.0954, 88.8528



15.4721, 16.3784, 20.0675



11.5624, 9.3491, 46.3230



1.0595, 0.9729, 3.8862

Inverse Universe

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



66.9142, 62.0640, 72.0742



75.0532, 67.4259, 79.3607



74.9683, 82.8976, 63.6809



16.0630, 15.8749, 17.8880



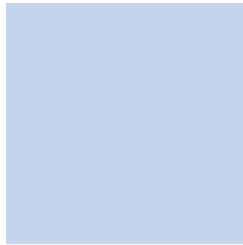
21.1618, 10.7371, 8.7685



1.8097, 0.9129, 0.9888

Previews

White Background



This preview shows how the XYZ color 61.9849, 65.8683, 90.3358 looks on a white background.

Color Contrast Check

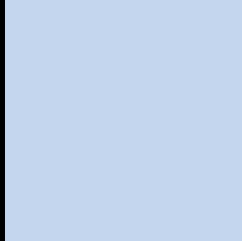
Large Text (above 18pt) WCAG AA × Fail

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 61.9849, 65.8683, 90.3358 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

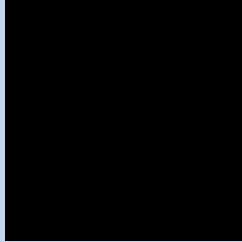
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

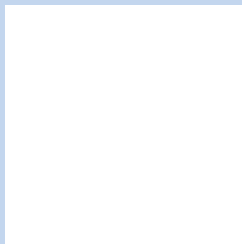
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 61.9849, 65.8683, 90.3358

Background



This preview shows how black text looks on a background with the XYZ color 61.9849, 65.8683, 90.3358.



This preview shows how white text looks on a background with the XYZ color 61.9849, 65.8683,

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

61.9849, 65.8683, 90.3358

Protanopia

64.4814, 65.7046, 88.6406

Deuteranopia

67.0129, 65.4940, 91.5477



Tritanopia

61.1141, 65.8964, 85.8422

Trichromacy



Original Color

61.9849, 65.8683, 90.3358

Protanomaly

63.4822, 65.5403, 89.4254

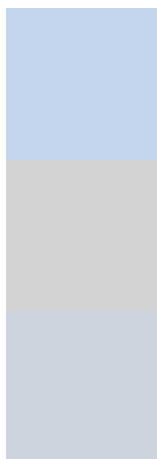
Deuteranomaly

64.9588, 65.5346, 90.8871

Tritanomaly

61.3999, 66.0107, 87.3471

Monochromacy



Original Color

61.9849, 65.8683, 90.3358

Achromatopsia

61.9161, 65.1406, 70.9381

Achromatomaly

61.7715, 65.2866, 77.7525

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.9849, 65.8683, 90.3358 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(195, 214, 238)` looks like.

```
.text, #text, p{  
    color:rgb(195, 214, 238)  
}
```

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(195, 214, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 214, 238) }
```

Border

The CSS property to change the border of an element to XYZ 61.9849, 65.8683, 90.3358 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(195, 214, 238) }
```


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

```
.border{ border-color:rgb(195, 214, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 214, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 214, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 214, 238);  
box-shadow:4px 4px 4px 4px rgb(195, 214,  
238) }
```

Background

The CSS property to change the background color of an element to XYZ 61.9849, 65.8683, 90.3358 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 214, 238) }
```

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

```
.background{ background-color: rgb(195,  
214, 238) }
```

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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