

Converting Colors

XYZ(61.6041, 65.5279, 79.9135)

Have a look what the booklet for
XYZ(61.6041, 65.5279, 79.9135)
contains.

XYZ(61.6059, 65.5269, 79.9220)	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(61.6059, 65.5269,
79.9220)**

Conversions

Conversions Part 1

Format	Color
Hex	CAD5E0
RGB	202, 213, 224
RGB Percent	79%, 84%, 88%
CMY	0.2078, 0.1647, 0.1216
CMYK	0.10, 0.05, 0.00, 0.12
HSL	210°, 26%, 84%
HSV	210°, 10%, 88%
XYZ	61.6059, 65.5269, 79.9220
YIQ	210.9650, -10.0870, 1.0890

Conversions

Conversions Part 2

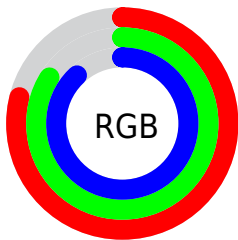
Format	Color
R _Y B	202, 209, 224
Decimal	13293024
CIE Lab	84.75, -1.58, -6.70
CIE LCh	85, 6.880, 256.761
Yxy	65.5269, 0.2975, 0.3165
Android (android.graphics.Color)	4291483104 (0xFFCAD5E0)
YUV	210.9650, 6.4263, -7.8623
Hunter-Lab	80.9487, -5.8130, -1.8739

Details

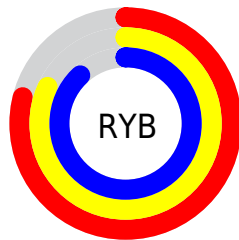
The XYZ color **61.6059, 65.5269, 79.9220** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **65.1956, 67.6995, 65.5093**, and the grayscale version is **61.8590, 65.0805, 70.8727**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **31.6010, 33.6142, 42.3588** is the 20% darker color. If you saturate the color by 10%, you get **53.2601, 57.1885, 78.7534**, and if you desaturate by 10%, it is **71.0298, 74.7132, 81.1995**.

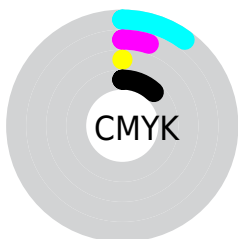
Distribution



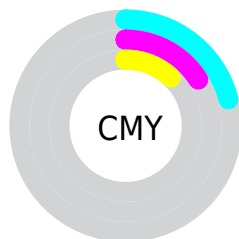
- Red (79%)
- Green (84%)
- Blue (88%)



- Red (79%)
- Yellow (82%)
- Blue (88%)



- Cyan (10%)
- Magenta (5%)
- Yellow (0%)
- Black (12%)



- Cyan (21%)
- Magenta (16%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.6059, 65.5269, 79.9220 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 61.6059, 65.5269, 79.9220 by changing the saturation by 10% instead.

■ 61.6059, 65.5269,
79.9220

■ 61.6059, 65.5269,
79.9220

420.2326,
444.6830, 514.3698

■ 44.9687, 47.8885,
59.1284

106.2489,
112.8070, 135.0665

■ 31.6340, 33.7386,
42.2958

134.9854,
143.2175, 170.2544

■ 21.2363, 22.6928,
29.0057

168.4858,
178.6541, 211.0775

■ 13.4103, 14.3669,
18.8395

207.1154,
219.5013, 257.9544

■ 7.7906, 8.3763,
11.3787

251.2395,
266.1433, 311.3035

■ 4.0119, 4.3366,
6.2048

301.2235,

■ 1.7089, 1.8636,

318.9647, 371.5434

2.8992

357.4327,
378.3498, 439.0926

■ 0.4618, 0.5264,
1.0434

■ 0.0000, 0.0000,
0.0000

■ 61.6059, 65.5269,
79.9220

■ 61.6059, 65.5269,
79.9220

■ 53.2601, 57.1885,
78.7534

■ 71.0298, 74.7132,
81.1995

■ 45.9449, 49.6626,
77.6863

■ 81.5652, 84.7651,
82.5844

■ 39.6178, 42.9230,
76.7189

■ 87.8318, 92.9160,
83.8274

■ 34.2309, 36.9388,
75.8478

■ 90.4547, 98.1619,
84.7017

■ 29.7319, 31.6767,
75.0692

■ 26.0628, 27.1003,
74.3793

■ 23.1579, 23.1686,
73.7735

■ 20.9401, 19.8348,
73.2469

■ 19.2798, 17.0246,
72.7920

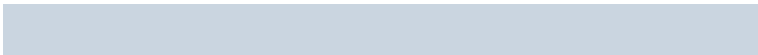
Harmonies

Analogous

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



60.2755, 65.5269, 77.7034



61.6059, 65.5269, 79.9220



63.1389, 65.5269, 79.7767

Triad

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



61.6059, 65.5269, 79.9220



65.1589, 65.5269, 68.9308



60.1497, 65.5269, 65.6964

Complementary

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



61.6059, 65.5269, 79.9220



65.1956, 67.6995, 65.5093

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.



61.4316, 65.5269, 63.5343



61.6059, 65.5269, 79.9220



64.3312, 65.5269, 65.3483

Square

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



61.6059, 65.5269, 79.9220



65.2074, 65.5269, 73.3068



62.9617, 65.5269, 63.4096



59.4442, 65.5269, 69.4237

Rectangle

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



61.6059, 65.5269, 79.9220



64.0697, 65.5269, 78.3570



62.9617, 65.5269, 63.4096



60.5266, 65.5269, 64.7693

Sweetspot

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



61.6078, 65.5297, 79.9235



91.0836, 96.1623, 108.3683



62.9776, 70.6545, 73.0265



19.2736, 20.3670, 23.1653



0.0000, 0.0000, 0.0000



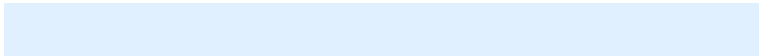
20.3446, 21.4041, 23.3091

Same Dimension

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



61.6078, 65.5297, 79.9235



79.9878, 85.2777, 106.8522



59.0194, 60.3528, 79.0607



13.5156, 14.3703, 17.4491



11.3214, 10.1123, 42.4035



0.8743, 0.8800, 2.9690

Inverse Universe

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



63.8727, 62.8937, 71.7273



83.6876, 81.0603, 93.4436



67.9594, 73.2271, 66.4306



13.9917, 13.8143, 15.7265



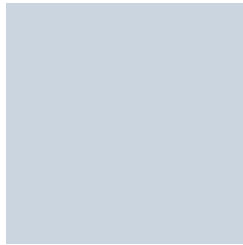
19.6547, 9.9289, 10.1134



1.4076, 0.7063, 0.9390

Previews

White Background



This preview shows how the XYZ color 61.6059, 65.5269, 79.9220 looks on a white background.

Color Contrast Check

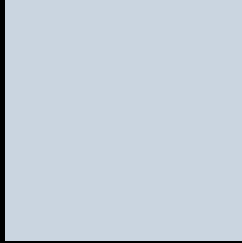
Large Text (above 18pt) WCAG AA × Fail

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 61.6059, 65.5269, 79.9220 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

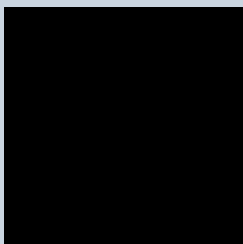
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

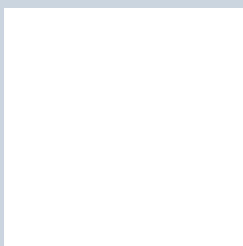
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 61.6059, 65.5269, 79.9220

Background



This preview shows how black text looks on a background with the XYZ color 61.6059, 65.5269, 79.9220.

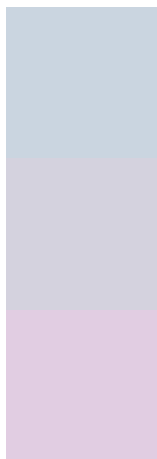


This preview shows how white text looks on a background with the XYZ color 61.6059, 65.5269,

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

61.6059, 65.5269, 79.9220

Protanopia

63.3828, 65.3642, 78.3832

Deuteranopia

66.6101, 65.1612, 81.0181



Tritanopia

62.3149, 65.4406, 83.4757

Trichromacy



Original Color

61.6059, 65.5269, 79.9220

Protanomaly

62.6260, 65.3261, 79.1205

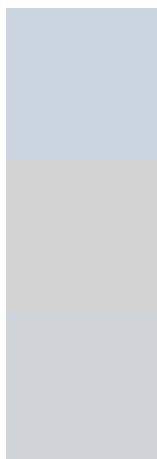
Deuteranomaly

64.7618, 65.2997, 80.4250

Tritanomaly

62.0372, 65.3295, 82.0132

Monochromacy



Original Color

61.6059, 65.5269, 79.9220

Achromatopsia

61.9161, 65.1406, 70.9381

Achromatomaly

61.9506, 65.4547, 74.3346

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.6059, 65.5269, 79.9220 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(202, 213, 224)` looks like.

```
.text, #text, p{  
    color:rgb(202, 213, 224)  
}
```

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(202, 213, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 213, 224) }
```

Border

The CSS property to change the border of an element to XYZ 61.6059, 65.5269, 79.9220 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(202, 213, 224) }
```


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

```
.border{ border-color:rgb(202, 213, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 213, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 213, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 213, 224);  
box-shadow:4px 4px 4px 4px rgb(202, 213,  
224) }
```

Background

The CSS property to change the background color of an element to XYZ 61.6059, 65.5269, 79.9220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 213, 224) }
```

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

```
.background{ background-color: rgb(202,  
213, 224) }
```

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