

Converting Colors

XYZ(60.2012, 62.0314, 80.1912)

Have a look what the booklet for
XYZ(60.2012, 62.0314, 80.1912)
contains.

XYZ(60.0505, 61.7954, 79.9969)	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(60.0505, 61.7954,
79.9969)**

Conversions

Conversions Part 1

Format	Color
Hex	CBCDE1
RGB	203, 205, 225
RGB Percent	80%, 80%, 88%
CMY	0.2039, 0.1961, 0.1176
CMYK	0.10, 0.09, 0.00, 0.12
HSL	235°, 27%, 84%
HSV	235°, 10%, 88%
XYZ	60.0505, 61.7954, 79.9969
YIQ	206.6820, -7.6120, 5.7960

Conversions

Conversions Part 2

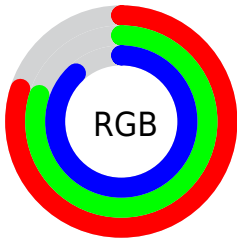
Format	Color
R_{YB}	203, 205, 225
Decimal	13356513
CIE Lab	82.80, 3.16, -10.12
CIE LCh	83, 10.597, 287.332
Yxy	61.7954, 0.2975, 0.3062
Android (android.graphics.Color)	4291546593 (0xFFCBCDE1)
YUV	206.6820, 9.0308, -3.2291
Hunter-Lab	78.6101, -1.2108, -5.3090

Details

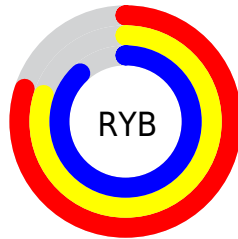
The XYZ color **60.0505, 61.7954, 79.9969** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **68.2187, 73.0941, 67.0140**, and the grayscale version is **59.0524, 62.1277, 67.6571**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **30.7167, 31.4251, 42.4769** is the 20% darker color. If you saturate the color by 10%, you get **49.7858, 49.7112, 78.2064**, and if you desaturate by 10%, it is **71.8476, 75.6221, 82.0449**.

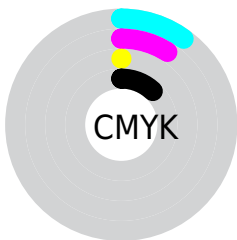
Distribution



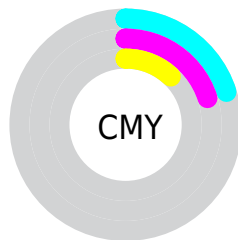
- Red (80%)
- Green (80%)
- Blue (88%)



- Red (80%)
- Yellow (80%)
- Blue (88%)



- Cyan (10%)
- Magenta (9%)
- Yellow (0%)
- Black (12%)



- Cyan (20%)
- Magenta (20%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.0505, 61.7954, 79.9969 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 60.0505, 61.7954, 79.9969 by changing the saturation by 10% instead.

■ 60.0505, 61.7954,
79.9969

■ 60.0505, 61.7954,
79.9969

414.6156,
431.1844, 514.6289

■ 43.7090, 44.8674,
59.1896

104.0088,
107.4298, 135.1727

■ 30.6387, 31.3530,
42.3448

132.3564,
136.9049, 170.3784

■ 20.4744, 20.8678,
29.0438

165.4366,
171.3313, 211.2206

■ 12.8506, 13.0274,
18.8681

203.6149,
211.0932, 258.1179

■ 7.4020, 7.4474,
11.3991

247.2565,
256.5750, 311.4889

■ 3.7633, 3.7435,
6.2184

296.7270,

■ 1.5691, 1.5311,

308.1613, 371.7520

2.9074

352.3916,
366.2363, 439.3258

■ 0.3722, 0.3105,
1.0476

■ 0.0000, 0.0000,
0.0000

■ 60.0505, 61.7954,
79.9969

■ 60.0505, 61.7954,
79.9969

■ 49.7858, 49.7112,
78.2064

■ 71.8476, 75.6221,
82.0449

■ 40.9853, 39.2929,
76.6593

■ 85.2306, 91.2486,
84.3558

■ 33.5837, 30.4696,
75.3463

■ 90.5908, 98.2163,
85.4182

■ 27.5086, 23.1624,
74.2561

■ 22.6813, 17.2855,
73.3762

■ 19.0144, 12.7446,
72.6929

■ 16.4093, 9.4340,
72.1912

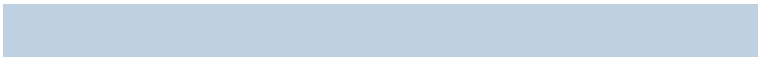
■ 14.7507, 7.2317,
71.8536

■ 13.8641, 5.9737,
71.6575

Harmonies

Analogous

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



57.7784, 61.7954, 80.2941



60.0505, 61.7954, 79.9969



62.0178, 61.7954, 76.1587

Triad

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



60.0505, 61.7954, 79.9969



61.7566, 61.7954, 58.4679



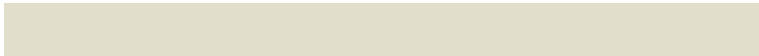
54.5601, 61.7954, 64.5684

Complementary

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



60.0505, 61.7954, 79.9969



68.2187, 73.0941, 67.0140

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.



55.5695, 61.7954, 59.1283



60.0505, 61.7954, 79.9969



59.7014, 61.7954, 55.7624

Square

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



60.0505, 61.7954, 79.9969



63.0202, 61.7954, 63.6129



57.4382, 61.7954, 55.9960



54.6480, 61.7954, 71.0951

Rectangle

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



60.0505, 61.7954, 79.9969



62.8740, 61.7954, 72.2408



57.4382, 61.7954, 55.9960



54.7812, 61.7954, 62.5606

Sweetspot

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



60.0523, 61.7980, 79.9983



90.1130, 94.2213, 108.0448



64.8472, 71.8649, 80.1253



19.0124, 19.8445, 23.0783



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.



60.0523, 61.7980, 79.9983



76.4346, 78.1713, 105.6678



62.0413, 62.1166, 79.9549



13.0519, 13.4429, 17.2945



8.0171, 3.5038, 41.3021



0.5907, 0.3129, 2.8745

Inverse Universe

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



63.4281, 63.1285, 66.6026



81.8941, 80.3429, 83.9993



66.0838, 72.7927, 67.0684



13.7577, 13.7207, 14.4940



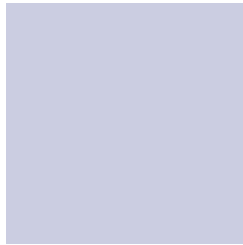
17.9869, 9.2617, 1.3307



1.2644, 0.6490, 0.1853

Previews

White Background



This preview shows how the XYZ color 60.0505, 61.7954, 79.9969 looks on a white background.

Color Contrast Check

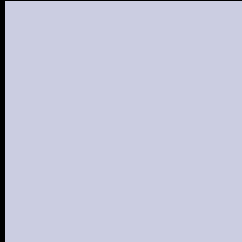
Large Text (above 18pt) WCAG AA × Fail

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 60.0505, 61.7954, 79.9969 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

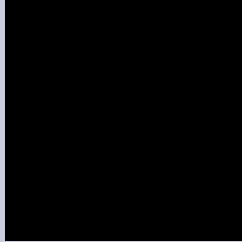
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.0505, 61.7954, 79.9969

Background



This preview shows how black text looks on a background with the XYZ color 60.0505, 61.7954, 79.9969.

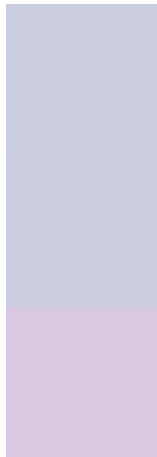


This preview shows how white text looks on a background with the XYZ color 60.0505, 61.7954,

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

60.0505, 61.7954, 79.9969

Protanopia

60.3238, 61.9363, 80.0097

Deuteranopia

62.9970, 61.5513, 80.5118



Tritanopia

59.6132, 61.9731, 77.9273

Trichromacy



Original Color

60.0505, 61.7954, 79.9969

Protanomaly

60.3238, 61.9363, 80.0097

Deuteranomaly

61.9994, 61.7291, 80.5987

Tritanomaly

59.7477, 62.0269, 78.6354

Monochromacy



Original Color

60.0505, 61.7954, 79.9969

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

59.6625, 62.1195, 72.4640

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.0505, 61.7954, 79.9969 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(203, 205, 225)` looks like.

```
.text, #text, p{  
    color:rgb(203, 205, 225)  
}
```

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(203, 205, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 205, 225) }
```

Border

The CSS property to change the border of an element to XYZ 60.0505, 61.7954, 79.9969 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(203, 205, 225) }
```


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

```
.border{ border-color:rgb(203, 205, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 205, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 205, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 205, 225);  
box-shadow:4px 4px 4px 4px rgb(203, 205,  
225) }
```

Background

The CSS property to change the background color of an element to XYZ 60.0505, 61.7954, 79.9969 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 205, 225) }
```

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

```
.background{ background-color: rgb(203,  
205, 225) }
```

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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