

Converting Colors

XYZ(60.6134, 67.2986, 82.6612)

Have a look what the booklet for
XYZ(60.6134, 67.2986, 82.6612)
contains.

XYZ(60.4319, 67.1562, 82.4504)	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(60.4319, 67.1562,
82.4504)**

Conversions

Conversions Part 1

Format	Color
Hex	BEDBE3
RGB	190, 219, 227
RGB Percent	75%, 86%, 89%
CMY	0.2549, 0.1412, 0.1098
CMYK	0.16, 0.04, 0.00, 0.11
HSL	193°, 40%, 82%
HSV	193°, 16%, 89%
XYZ	60.4319, 67.1562, 82.4504
YIQ	211.2410, -19.8520, -3.6600

Conversions

Conversions Part 2

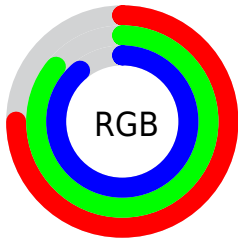
Format	Color
R _Y B	190, 206, 227
Decimal	12508131
CIE Lab	85.58, -7.91, -7.15
CIE LCh	86, 10.665, 222.112
Yxy	67.1562, 0.2877, 0.3197
Android (android.graphics.Color)	4290698211 (0xFFBEDBE3)
YUV	211.2410, 7.7692, -18.6284
Hunter-Lab	81.9489, -11.7786, -2.2886

Details

The XYZ color **60.4319, 67.1562, 82.4504** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **61.1676, 60.4370, 57.1583**, and the grayscale version is **62.0374, 65.2682, 71.0770**.

A 20% lighter version of the original color is **92.1678, 98.5142, 108.7651**, and **30.8752, 34.7637, 44.1125** is the 20% darker color. If you saturate the color by 10%, you get **53.9370, 61.9373, 81.7865**, and if you desaturate by 10%, it is **67.8515, 72.9113, 83.1713**.

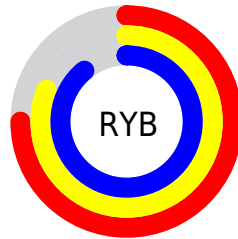
Distribution



Red (75%)

Green (86%)

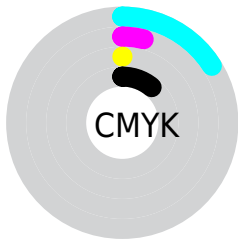
Blue (89%)



Red (75%)

Yellow (81%)

Blue (89%)

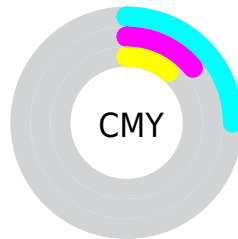


Cyan (16%)

Magenta (4%)

Yellow (0%)

Black (11%)



Cyan (25%)

Magenta (14%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.4319, 67.1562, 82.4504 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 60.4319, 67.1562, 82.4504 by changing the saturation by 10% instead.

■ 60.4319, 67.1562,
82.4504

■ 60.4319, 67.1562,
82.4504

415.9972,
450.5006, 523.0760

■ 44.0176, 49.2116,
61.1989

■ 104.5587,
115.1442, 138.6478

■ 30.8824, 34.7873,
43.9541

133.0020,
145.9564, 174.4307

■ 20.6607, 23.4991,
30.2975

166.1857,
181.8265, 215.8946

■ 12.9872, 14.9625,
19.8105

204.4751,
223.1390, 263.4578

■ 7.4967, 8.7931,
12.0747

248.2356,
270.2783, 317.5390

■ 3.8237, 4.6064,
6.6714

297.8325,

■ 1.6029, 2.0183,

323.6287, 378.5568

3.1821

353.6313,
383.5747, 446.9296

■ 0.3943, 0.6180,
1.1884

■ 0.0000, 0.0000,
0.0000

■ 60.4319, 67.1562,
82.4504

■ 60.4319, 67.1562,
82.4504

■ 53.9370, 61.9373,
81.7865

■ 67.8515, 72.9113,
83.1713

■ 48.3199, 57.2248,
81.1729

■ 76.2283, 79.2146,
83.9464

■ 43.5382, 52.9979,
80.6090

■ 84.4496, 85.4947,
84.7253

■ 39.5437, 49.2314,
80.0926

■ 85.8637, 88.3229,
85.1967

■ 36.2829, 45.8973,
79.6209

■ 87.3168, 91.2291,
85.6810

■ 33.6955, 42.9639,
79.1911

■ 88.8092, 94.2139,
86.1785

■ 31.7112, 40.3945,
78.7997

■ 90.3411, 97.2778,
86.6891

■ 30.2419, 38.1431,
78.4426

■ 90.8653, 98.3261,
86.8639

■ 29.7731, 37.3617,
78.3165

Harmonies

Analogous

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



59.3772, 67.1562, 75.9606



60.4319, 67.1562, 82.4504



62.4079, 67.1562, 86.5853

Triad

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



60.4319, 67.1562, 82.4504



68.3725, 67.1562, 77.3020



62.8562, 67.1562, 60.8228

Complementary

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



60.4319, 67.1562, 82.4504



61.1676, 60.4370, 57.1583

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.



65.2734, 67.1562, 61.1315



60.4319, 67.1562, 82.4504



68.5000, 67.1562, 70.3544

Square

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



60.4319, 67.1562, 82.4504



67.0092, 67.1562, 83.4859



67.3531, 67.1562, 64.5246



60.7529, 67.1562, 63.6529

Rectangle

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



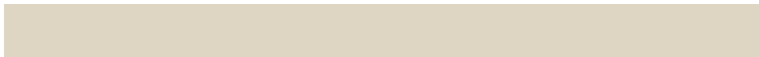
60.4319, 67.1562, 82.4504



64.0020, 67.1562, 87.2999



67.3531, 67.1562, 64.5246



63.6582, 67.1562, 60.5682

Sweetspot

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



60.4339, 67.1590, 82.4519



89.6410, 95.9158, 108.3968



58.8296, 69.9362, 63.4638



19.0296, 20.4102, 23.1865



0.0000, 0.0000, 0.0000



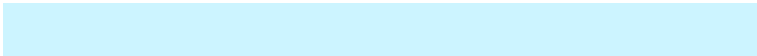
20.3446, 21.4041, 23.3091

Same Dimension

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



60.4339, 67.1590, 82.4519



75.2955, 84.7447, 106.9966



56.0117, 58.3146, 80.9778



14.5292, 15.7799, 18.4244



17.4524, 21.9668, 45.7034



1.3555, 1.7550, 3.3993

Inverse Universe

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



62.8798, 58.2739, 74.9548



79.1585, 70.9760, 95.0970



65.5043, 69.1104, 58.6039



14.8547, 14.5591, 17.4354



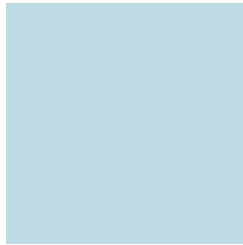
23.2027, 11.4153, 25.7599



1.7478, 0.8569, 2.0787

Previews

White Background



This preview shows how the XYZ color 60.4319, 67.1562, 82.4504 looks on a white background.

Color Contrast Check

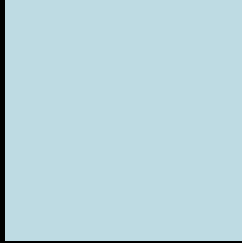
Large Text (above 18pt) WCAG AA × Fail

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 60.4319, 67.1562, 82.4504 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

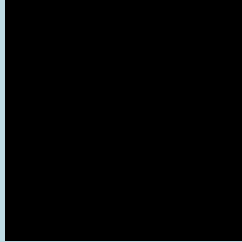
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

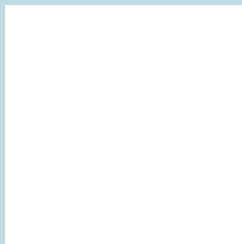
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 60.4319, 67.1562, 82.4504

Background



This preview shows how black text looks on a background with the XYZ color 60.4319, 67.1562, 82.4504.



This preview shows how white text looks on a background with the XYZ color 60.4319, 67.1562,

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

60.4319, 67.1562, 82.4504

Protanopia

64.8871, 66.8618, 79.2977

Deuteranopia

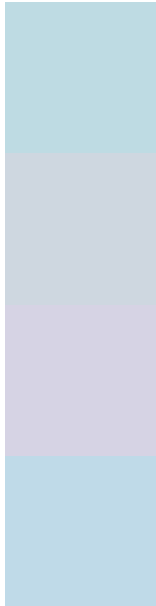
68.1342, 66.6137, 83.3954



Tritanopia

61.8050, 67.3474, 88.3391

Trichromacy



Original Color

60.4319, 67.1562, 82.4504

Protanomaly

63.2086, 67.1045, 80.1420

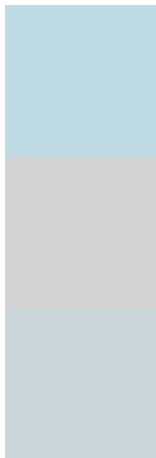
Deuteranomaly

65.0294, 66.4861, 82.8045

Tritanomaly

61.1227, 67.0454, 86.0635

Monochromacy



Original Color

60.4319, 67.1562, 82.4504

Achromatopsia

61.9161, 65.1406, 70.9381

Achromatomaly

61.1996, 65.7994, 75.1206

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.4319, 67.1562, 82.4504 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(190, 219, 227)` looks like.

```
.text, #text, p{  
    color:rgb(190, 219, 227)  
}
```

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(190, 219, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 219, 227) }
```

Border

The CSS property to change the border of an element to XYZ 60.4319, 67.1562, 82.4504 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(190, 219, 227) }
```


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

```
.border{ border-color:rgb(190, 219, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 219, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 219, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 219, 227);  
box-shadow:4px 4px 4px 4px rgb(190, 219,  
227) }
```

Background

The CSS property to change the background color of an element to XYZ 60.4319, 67.1562, 82.4504 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 219, 227) }
```

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

```
.background{ background-color: rgb(190,  
219, 227) }
```

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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