

Converting Colors

XYZ(60.2027, 69.7942, 82.1980)

Have a look what the booklet for
XYZ(60.2027, 69.7942, 82.1980)
contains.

XYZ(60.2152, 69.8288, 82.2561)	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(60.2152, 69.8288,
82.2561)**

Conversions

Conversions Part 1

Format	Color
Hex	B6E2E2
RGB	182, 226, 226
RGB Percent	71%, 89%, 89%
CMY	0.2863, 0.1137, 0.1137
CMYK	0.19, 0.00, 0.00, 0.11
HSL	180°, 43%, 80%
HSV	180°, 19%, 89%
XYZ	60.2152, 69.8288, 82.2561
YIQ	212.8440, -26.2240, -9.3280

Conversions

Conversions Part 2

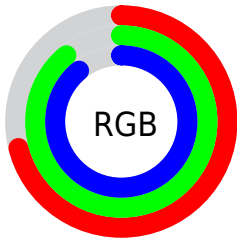
Format	Color
R_{YB}	182, 204, 226
Decimal	11985634
CIE _{Lab}	86.91, -14.16, -4.72
CIE _{LCh}	87, 14.924, 198.419
Yxy	69.8288, 0.2836, 0.3289
Android (android.graphics.Color)	4290175714 (0xFFB6E2E2)
YUV	212.8440, 6.4859, -27.0502
Hunter-Lab	83.5636, -17.6109, 0.1323

Details

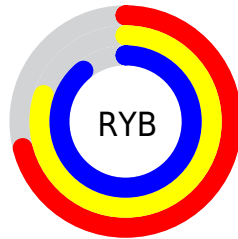
The XYZ color **60.2152, 69.8288, 82.2561** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **56.5379, 53.0039, 51.5098**, and the grayscale version is **63.1138, 66.4006, 72.3103**.

A 20% lighter version of the original color is **89.4066, 97.0907, 108.6359**, and **30.8157, 36.6553, 43.9791** is the 20% darker color. If you saturate the color by 10%, you get **55.3030, 67.2983, 82.0265**, and if you desaturate by 10%, it is **65.9929, 72.8091, 82.5291**.

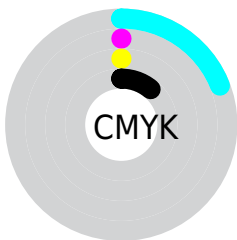
Distribution



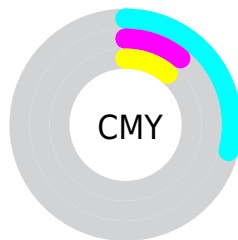
- Red (71%)
- Green (89%)
- Blue (89%)



- Red (71%)
- Yellow (80%)
- Blue (89%)



- Cyan (19%)
- Magenta (0%)
- Yellow (0%)
- Black (11%)



- Cyan (29%)
- Magenta (11%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.2152, 69.8288, 82.2561 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 60.2152, 69.8288, 82.2561 by changing the saturation by 10% instead.

60.2152, 69.8288,
82.2561

60.2152, 69.8288,
82.2561

415.2126,
459.9487, 522.4099

43.8422, 51.3870,
61.0396

104.2463,
118.9646, 138.3730

30.7439, 36.5167,
43.8264

132.6352,
150.4273, 174.1105

20.5548, 24.8335,
30.1978

165.7602,
186.9992, 215.5253

12.9095, 15.9530,
19.7355

203.9865,
229.0645, 263.0362

7.4429, 9.4909,
12.0207

247.6795,
277.0077, 317.0615

3.7893, 5.0628,
6.6351

297.2046,

1.5837, 2.2841,

331.2132, 378.0199

3.1600

352.9272,
392.0654, 446.3298

■ 0.3817, 0.7653,
1.1769

■ 0.0000, 0.0000,
0.0000

■ 60.2152, 69.8288,
82.2561

■ 60.2152, 69.8288,
82.2561

■ 55.3030, 67.2983,
82.0265

■ 65.9929, 72.8091,
82.5291

■ 51.2088, 65.1877,
81.8338


■ 72.6684, 76.2504,
82.8427


■ 47.8902, 63.4769,
81.6773


■ 80.2800, 80.1743,
83.2000


■ 45.2982, 62.1407,
81.5549


■ 82.1662, 81.1467,
83.2895


 43.3784, 61.1511,
81.4639

 82.1664, 81.1468,
83.2906


 42.0688, 60.4759,
81.4014


 82.1666, 81.1468,
83.2918


 41.2957, 60.0774,
81.3641

 82.1668, 81.1469,
83.2929

 40.9385, 59.8933,
81.3463

 82.1671, 81.1470,
83.2941

 40.9235, 59.8856,
81.3455

 82.1673, 81.1471,
83.2953

Harmonies

Analogous

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



60.0216, 69.8288, 72.2450



60.2152, 69.8288, 82.2561



62.0228, 69.8288, 91.3044

Triad

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



60.2152, 69.8288, 82.2561



71.5083, 69.8288, 89.4883



67.7241, 69.8288, 58.7432

Complementary

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



60.2152, 69.8288, 82.2561



56.5379, 53.0039, 51.5098

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.



70.9161, 69.8288, 62.5648



60.2152, 69.8288, 82.2561



73.1514, 69.8288, 79.9485

Square

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



60.2152, 69.8288, 82.2561



68.5094, 69.8288, 95.7251



72.9309, 69.8288, 70.1295



64.2760, 69.8288, 59.2434

Rectangle

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



60.2152, 69.8288, 82.2561



63.9366, 69.8288, 95.3037



72.9309, 69.8288, 70.1295



68.8647, 69.8288, 59.5504

Sweetspot

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



60.2172, 69.8317, 82.2577



89.6432, 97.2127, 108.6461



55.1069, 67.8076, 54.4409



19.0671, 20.7455, 23.2491



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.



60.2172, 69.8317, 82.2577



76.6654, 90.5225, 108.0361



54.7884, 58.9734, 80.4502



14.1166, 15.5724, 17.6492



23.3458, 34.1632, 46.4056



1.6182, 2.3680, 3.2166

Inverse Universe

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



56.5379, 53.0039, 51.5098



71.0631, 64.8996, 61.2176



61.2290, 62.3865, 53.0719



13.7073, 13.7006, 14.2290



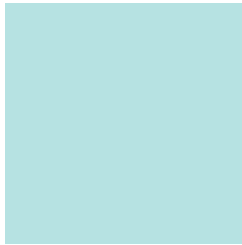
17.8933, 9.2243, 0.8377



1.2403, 0.6394, 0.0581

Previews

White Background



This preview shows how the XYZ color 60.2152, 69.8288, 82.2561 looks on a white background.

Color Contrast Check

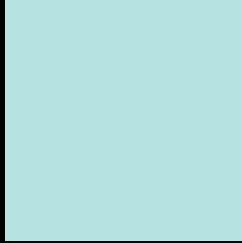
Large Text (above 18pt) WCAG AA × Fail

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 60.2152, 69.8288, 82.2561 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

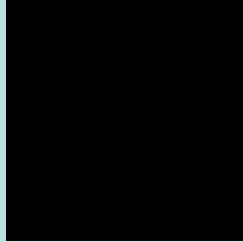
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.2152, 69.8288, 82.2561

Background



This preview shows how black text looks on a background with the XYZ color 60.2152, 69.8288, 82.2561.

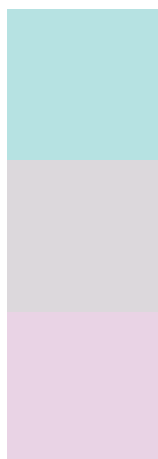


This preview shows how white text looks on a background with the XYZ color 60.2152, 69.8288,

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

60.2152, 69.8288, 82.2561

Protanopia

66.9893, 69.4947, 77.5932

Deuteranopia

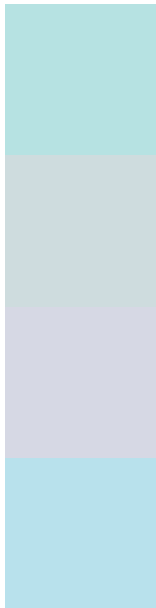
71.0414, 69.5693, 83.8127



Tritanopia

62.5404, 69.9765, 93.4297

Trichromacy



Original Color

60.2152, 69.8288, 82.2561

Protanomaly

64.2316, 69.5821, 79.1526

Deuteranomaly

66.2910, 69.0093, 83.2250

Tritanomaly

61.8327, 70.0969, 89.6280

Monochromacy



Original Color

60.2152, 69.8288, 82.2561

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

62.0834, 67.7613, 76.1368

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.2152, 69.8288, 82.2561 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(182, 226, 226)` looks like.

```
.text, #text, p{  
    color:rgb(182, 226, 226)  
}
```

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(182, 226, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 226, 226) }
```

Border

The CSS property to change the border of an element to XYZ 60.2152, 69.8288, 82.2561 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(182, 226, 226) }
```


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

```
.border{ border-color:rgb(182, 226, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 226, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 226, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 226, 226);  
box-shadow:4px 4px 4px 4px rgb(182, 226,  
226) }
```

Background

The CSS property to change the background color of an element to XYZ 60.2152, 69.8288, 82.2561 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 226, 226) }
```

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

```
.background{ background-color: rgb(182,  
226, 226) }
```

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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