

Converting Colors

XYZ(59.0224, 65.2941, 81.4437)

Have a look what the booklet for
XYZ(59.0224, 65.2941, 81.4437)
contains.

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Color

**XYZ(59.0224, 65.2941,
81.4437)**

Conversions

Conversions Part 1

Format	Color
Hex	BCD8E2
RGB	188, 216, 226
RGB Percent	74%, 85%, 89%
CMY	0.2627, 0.1529, 0.1137
CMYK	0.17, 0.04, 0.00, 0.11
HSL	196°, 40%, 81%
HSV	196°, 17%, 89%
XYZ	59.0224, 65.2941, 81.4437
YIQ	208.7680, -19.8980, -2.8260

Conversions

Conversions Part 2

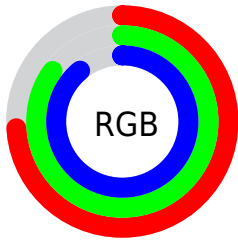
Format	Color
RYB	188, 204, 226
Decimal	12376290
CIELab	84.64, -7.20, -8.04
CIELCh	85, 10.791, 228.174
Yxy	65.2941, 0.2869, 0.3173
Android (android.graphics.Color)	4290566370 (0xFFBCD8E2)
YUV	208.7680, 8.4954, -18.2135
Hunter-Lab	80.8048, -11.0262, -3.1955

Details

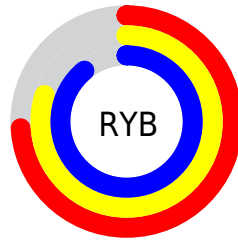
The XYZ color **59.0224, 65.2941, 81.4437** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **60.6358, 60.1878, 55.9999**, and the grayscale version is **60.4104, 63.5565, 69.2130**.

A 20% lighter version of the original color is **91.4662, 98.1525, 108.7323**, and **29.9271, 33.4983, 43.4166** is the 20% darker color. If you saturate the color by 10%, you get **52.3896, 59.6558, 80.7060**, and if you desaturate by 10%, it is **66.5860, 71.4974, 82.2435**.

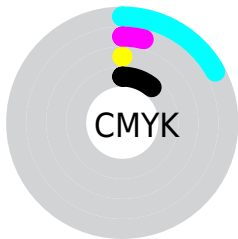
Distribution



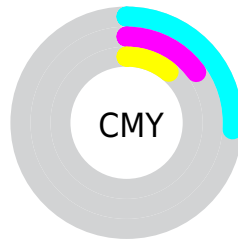
- Red (74%)
- Green (85%)
- Blue (89%)



- Red (74%)
- Yellow (80%)
- Blue (89%)



- Cyan (17%)
- Magenta (4%)
- Yellow (0%)
- Black (11%)



- Cyan (26%)
- Magenta (15%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.0224, 65.2941, 81.4437 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 59.0224, 65.2941, 81.4437 by changing the saturation by 10% instead.

■ 59.0224, 65.2941,
81.4437

■ 59.0224, 65.2941,
81.4437

410.8776,
443.8481, 519.6195

■ 42.8776, 47.6996,
60.3740

■ 102.5247,
112.4726, 137.2233

■ 29.9832, 33.5891,
43.2929

130.6128,
142.8253, 172.7702

■ 19.9738, 22.5781,
29.7819

163.4128,
178.1996, 213.9799

■ 12.4842, 14.2823,
19.4224

201.2900,
218.9799, 261.2710

■ 7.1489, 8.3173,
11.7960

244.6097,
265.5504, 315.0619

■ 3.6025, 4.2986,
6.4841

293.7373,

■ 1.4798, 1.8420,

318.2957, 375.7713

3.0681

349.0382,
377.6002, 443.8176

■ 0.3120, 0.5131,
1.1295

■ 0.0000, 0.0000,
0.0000

■ 59.0224, 65.2941,
81.4437

■ 59.0224, 65.2941,
81.4437

■ 52.3896, 59.6558,
80.7060

■ 66.5860, 71.4974,
82.2435

■ 46.6409, 54.5526,
80.0240

■ 75.1129, 78.2784,
83.1029

■ 41.7338, 49.9633,
79.3968

■ 84.3454, 85.5066,
84.0115

■ 37.6202, 45.8623,
78.8221

■ 86.0652, 88.9461,
84.5847

■ 34.2466, 42.2212,
78.2971

■ 87.8423, 92.5003,
85.1771

■ 31.5526, 39.0079,
77.8188

■ 89.6773, 96.1703,
85.7888

■ 29.4678, 36.1850,
77.3838

■ 90.7277, 98.2711,
86.1389

■ 27.9016, 33.7051,
76.9877

■ 27.4630, 32.9618,
76.8674

Harmonies

Analogous

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



57.7628, 65.2941, 75.3122



59.0224, 65.2941, 81.4437



61.1157, 65.2941, 84.8834

Triad

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



59.0224, 65.2941, 81.4437



66.7046, 65.2941, 73.8473



60.6266, 65.2941, 59.2215

Complementary

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



59.0224, 65.2941, 81.4437



60.6358, 60.1878, 55.9999

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.



63.0141, 65.2941, 58.8855



59.0224, 65.2941, 81.4437



66.5654, 65.2941, 67.0366

Square

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



59.0224, 65.2941, 81.4437



65.5758, 65.2941, 80.3117



65.2002, 65.2941, 61.6608



58.6723, 65.2941, 62.6103

Rectangle

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



59.0224, 65.2941, 81.4437



62.7210, 65.2941, 85.0487



65.2002, 65.2941, 61.6608



61.4039, 65.2941, 58.7562

Sweetspot

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



59.0243, 65.2968, 81.4452



89.4531, 95.5400, 108.3341



58.0721, 69.1394, 63.4100



18.9839, 20.3187, 23.1713



0.0000, 0.0000, 0.0000



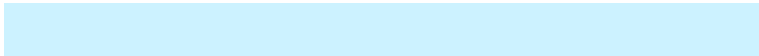
20.3446, 21.4041, 23.3091

Same Dimension

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



59.0243, 65.2968, 81.4452



74.5799, 83.3135, 106.7581



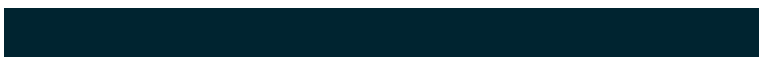
54.5478, 56.3437, 79.9530



13.7955, 14.9302, 17.5424



15.7691, 19.0077, 43.8861



1.1648, 1.4610, 3.0659

Inverse Universe

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



61.7435, 57.0945, 72.7349



78.7973, 70.8315, 93.1950



65.1264, 69.1691, 57.4967



14.1330, 13.8708, 16.4706



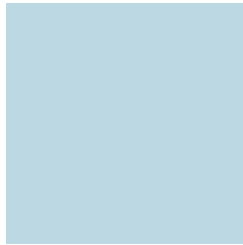
21.8997, 10.8269, 21.9354



1.5542, 0.7649, 1.7112

Previews

White Background



This preview shows how the XYZ color 59.0224, 65.2941, 81.4437 looks on a white background.

Color Contrast Check

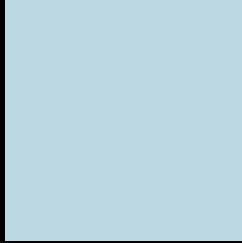
Large Text (above 18pt) WCAG AA × Fail

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 59.0224, 65.2941, 81.4437 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

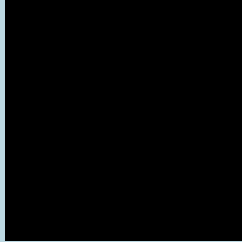
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.0224, 65.2941, 81.4437

Background



This preview shows how black text looks on a background with the XYZ color 59.0224, 65.2941, 81.4437.

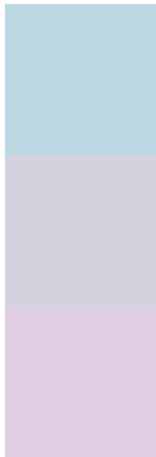


This preview shows how white text looks on a background with the XYZ color 59.0224, 65.2941,

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

59.0224, 65.2941, 81.4437

Protanopia

63.0954, 65.2160, 78.3697

Deuteranopia

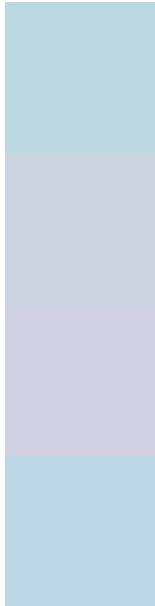
66.2663, 64.9521, 82.4432



Tritanopia

59.8522, 65.2459, 85.7831

Trichromacy



Original Color

59.0224, 65.2941, 81.4437

Protanomaly

61.4914, 65.1112, 79.1388

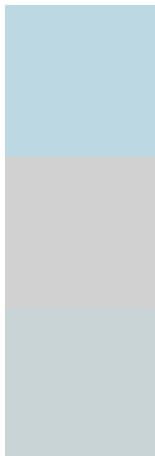
Deuteranomaly

63.2439, 64.8486, 81.8568

Tritanomaly

59.5696, 65.1329, 84.2952

Monochromacy



Original Color

59.0224, 65.2941, 81.4437

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

59.8966, 64.4108, 73.5656

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.0224, 65.2941, 81.4437 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(188, 216, 226)` looks like.

```
.text, #text, p{  
    color:rgb(188, 216, 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(188, 216, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 216, 226) }
```

Border

The CSS property to change the border of an element to XYZ 59.0224, 65.2941, 81.4437 is called "border". The border property can be set on classes, ids or directly on the HTML element.

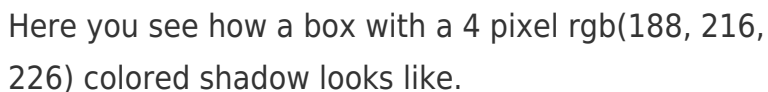
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(188, 216, 226) }
```


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

```
.border{ border-color:rgb(188, 216, 226) }
```

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



Here you see how a box with a 4 pixel `rgb(188, 216, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 216, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 216, 226);  
box-shadow:4px 4px 4px 4px rgb(188, 216,  
226) }
```

Background

The CSS property to change the background color of an element to XYZ 59.0224, 65.2941, 81.4437 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 216, 226) }
```

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

```
.background{ background-color: rgb(188,  
216, 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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