

Converting Colors

XYZ(59.3729, 64.1482, 87.9795)

Have a look what the booklet for
XYZ(59.3729, 64.1482, 87.9795)
contains.

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Color

**XYZ(59.2832, 64.1515,
87.8552)**

Conversions

Conversions Part 1

Format	Color
Hex	BBD5EB
RGB	187, 213, 235
RGB Percent	73%, 84%, 92%
CMY	0.2667, 0.1647, 0.0784
CMYK	0.20, 0.09, 0.00, 0.08
HSL	207°, 55%, 83%
HSV	207°, 20%, 92%
XYZ	59.2832, 64.1515, 87.8552
YIQ	207.7340, -22.5580, 1.3300

Conversions

Conversions Part 2

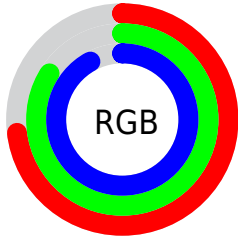
Format	Color
R _Y B	187, 204, 235
Decimal	12309995
CIE Lab	84.04, -4.02, -13.70
CIE LCh	84, 14.282, 253.637
Yxy	64.1515, 0.2806, 0.3036
Android (android.graphics.Color)	4290500075 (0xFFBBD5EB)
YUV	207.7340, 13.4421, -18.1837
Hunter-Lab	80.0946, -8.0462, -8.9685

Details

The XYZ color **59.2832, 64.1515, 87.8552** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **66.0317, 66.8511, 56.4385**, and the grayscale version is **59.7098, 62.8194, 68.4103**.

A 20% lighter version of the original color is **91.1182, 97.9731, 108.7160**, and **30.0364, 32.6949, 47.3755** is the 20% darker color. If you saturate the color by 10%, you get **51.3786, 56.1893, 86.7360**, and if you desaturate by 10%, it is **68.3123, 72.9638, 89.0813**.

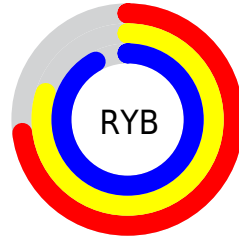
Distribution



Red (73%)

Green (84%)

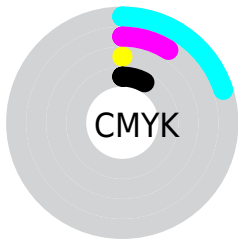
Blue (92%)



Red (73%)

Yellow (80%)

Blue (92%)

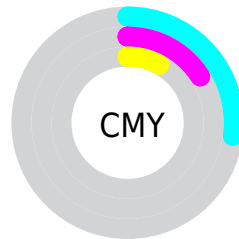


Cyan (20%)

Magenta (9%)

Yellow (0%)

Black (8%)



Cyan (27%)

Magenta (16%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.2832, 64.1515, 87.8552 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 59.2832, 64.1515, 87.8552 by changing the saturation by 10% instead.

■ 59.2832, 64.1515,
87.8552

■ 59.2832, 64.1515,
87.8552

411.8278,
439.7365, 541.4179

■ 43.0884, 46.7734,
65.6395

■ 102.9014,
110.8291, 146.2649

■ 30.1493, 32.8565,
47.5252

131.0556,
140.8974, 183.2960

■ 20.1006, 22.0166,
33.0937

163.9268,
175.9645, 226.1026

■ 12.5769, 13.8691,
21.9265

201.8806,
216.4148, 275.1034

■ 7.2128, 8.0297,
13.6051

245.2822,
262.6328, 330.7167

■ 3.6431, 4.1139,
7.7109

294.4971,

■ 1.5022, 1.7375,

315.0028, 393.3612

3.8254

349.8905,
373.9093, 463.4555

■ 0.3274, 0.4478,
1.5301

■ 0.0000, 0.0000,
0.2402

■ 59.2832, 64.1515,
87.8552

■ 59.2832, 64.1515,
87.8552

■ 51.3786, 56.1893,
86.7360

■ 68.3123, 72.9638,
89.0813

■ 44.5436, 49.0387,
85.7160

■ 78.5061, 82.6469,
90.4131

■ 38.7270, 42.6698,
84.7933

■ 88.9829, 92.7529,
91.8115

■ 33.8708, 37.0472,
83.9640

■ 91.9956, 98.7782,
92.8157

■ 29.9106, 32.1319,
83.2239

■ 26.7730, 27.8804,
82.5687

■ 24.3712, 24.2418,
81.9930

■ 22.6244, 21.2558,
81.5087

Harmonies

Analogous

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



56.6938, 64.1515, 82.5204



59.2832, 64.1515, 87.8552



62.4136, 64.1515, 88.1044

Triad

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



59.2832, 64.1515, 87.8552



67.0530, 64.1515, 65.8388



56.8882, 64.1515, 58.0306

Complementary

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



59.2832, 64.1515, 87.8552



66.0317, 66.8511, 56.4385

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.



59.5569, 64.1515, 54.3092



59.2832, 64.1515, 87.8552



65.4645, 64.1515, 58.5480

Square

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



59.2832, 64.1515, 87.8552



66.9736, 64.1515, 74.8530



62.6968, 64.1515, 54.4901



55.3440, 64.1515, 65.0752

Rectangle

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



59.2832, 64.1515, 87.8552



64.3918, 64.1515, 85.3140



62.6968, 64.1515, 54.4901



57.6794, 64.1515, 56.3777

Sweetspot

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



59.2851, 64.1541, 87.8567



87.4472, 92.8204, 107.9149



61.6623, 74.5664, 71.2064



18.5469, 19.7051, 23.0759



0.0000, 0.0000, 0.0000



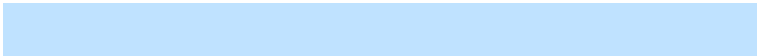
20.3446, 21.4041, 23.3091

Same Dimension

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



59.2851, 64.1541, 87.8567



66.7366, 72.6044, 105.1044



53.7741, 53.1320, 86.0196



14.9073, 15.9010, 19.2057



12.7206, 12.0883, 45.4058



1.0949, 1.1413, 3.5975

Inverse Universe

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



64.0431, 58.0085, 70.7751



73.6233, 64.1099, 80.2907



72.2576, 79.3028, 58.5138



15.4067, 15.1906, 17.4272



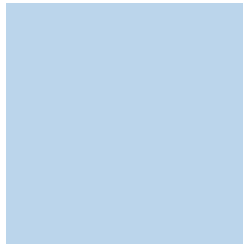
21.2761, 10.7131, 12.5211



1.7192, 0.8606, 1.2385

Previews

White Background



This preview shows how the XYZ color 59.2832, 64.1515, 87.8552 looks on a white background.

Color Contrast Check

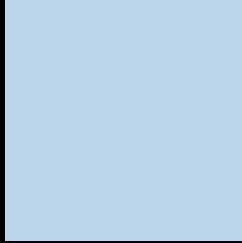
Large Text (above 18pt) WCAG AA × Fail

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 59.2832, 64.1515, 87.8552 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

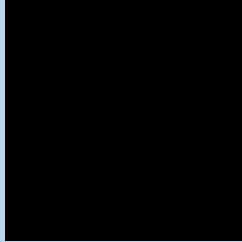
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

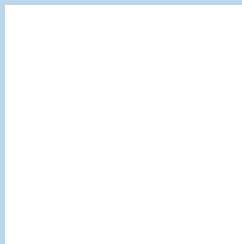
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 59.2832, 64.1515, 87.8552

Background



This preview shows how black text looks on a background with the XYZ color 59.2832, 64.1515, 87.8552.



This preview shows how white text looks on a background with the XYZ color 59.2832, 64.1515,

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

59.2832, 64.1515, 87.8552

Protanopia

62.5750, 64.0598, 85.4106

Deuteranopia

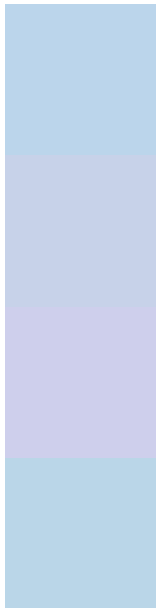
65.4942, 64.0519, 89.0321



Tritanopia

58.7201, 64.3018, 84.9179

Trichromacy



Original Color

59.2832, 64.1515, 87.8552

Protanomaly

61.3078, 64.1185, 86.2356

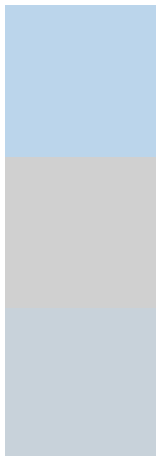
Deuteranomaly

62.9067, 63.8036, 88.3567

Tritanomaly

58.8618, 64.3584, 85.6640

Monochromacy



Original Color

59.2832, 64.1515, 87.8552

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

59.5209, 63.4345, 75.4367

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.2832, 64.1515, 87.8552 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(187, 213, 235)` looks like.

```
.text, #text, p{  
    color:rgb(187, 213, 235)  
}
```

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(187, 213, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 213, 235) }
```

Border

The CSS property to change the border of an element to XYZ 59.2832, 64.1515, 87.8552 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(187, 213, 235) }
```


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

```
.border{ border-color:rgb(187, 213, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 213, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 213, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 213, 235);  
box-shadow:4px 4px 4px 4px rgb(187, 213,  
235) }
```

Background

The CSS property to change the background color of an element to XYZ 59.2832, 64.1515, 87.8552 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 213, 235) }
```

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

```
.background{ background-color: rgb(187,  
213, 235) }
```

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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