

Converting Colors

XYZ(59.4324, 72.0616, 68.3233)

Have a look what the booklet for
XYZ(59.4324, 72.0616, 68.3233)
contains.

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Color

**XYZ(59.6432, 72.3114,
68.5716)**

Conversions

Conversions Part 1

Format	Color
Hex	B8E8CD
RGB	184, 232, 205
RGB Percent	72%, 91%, 80%
CMY	0.2784, 0.0902, 0.1961
CMYK	0.21, 0.00, 0.12, 0.09
HSL	146°, 51%, 82%
HSV	146°, 21%, 91%
XYZ	59.6432, 72.3114, 68.5716
YIQ	214.5700, -19.9410, -18.5730

Conversions

Conversions Part 2

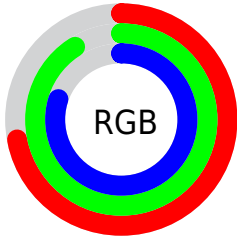
Format	Color
RYB	184, 217, 232
Decimal	12118221
CIELab	88.12, -20.72, 8.08
CIELCh	88, 22.240, 158.690
Yxy	72.3114, 0.2974, 0.3606
Android (android.graphics.Color)	4290308301 (0xFFB8E8CD)
YUV	214.5700, -4.7180, -26.8099
Hunter-Lab	85.0361, -23.6157, 11.7149

Details

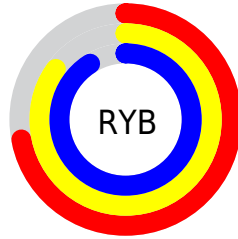
The XYZ color **59.6432, 72.3114, 68.5716** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **62.1796, 56.1416, 69.1902**, and the grayscale version is **64.3428, 67.6936, 73.7183**.

A 20% lighter version of the original color is **90.0856, 97.4408, 108.6677**, and **30.3172, 38.0309, 35.0210** is the 20% darker color. If you saturate the color by 10%, you get **53.0249, 69.0760, 60.3790**, and if you desaturate by 10%, it is **67.3084, 76.0753, 77.5023**.

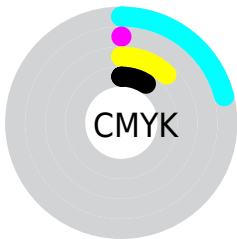
Distribution



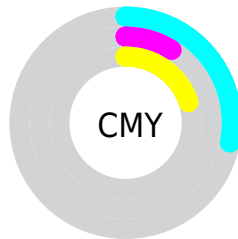
- Red (72%)
- Green (91%)
- Blue (80%)



- Red (72%)
- Yellow (85%)
- Blue (91%)



- Cyan (21%)
- Magenta (0%)
- Yellow (12%)
- Black (9%)



- Cyan (28%)
- Magenta (9%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.6432, 72.3114, 68.5716 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 59.6432, 72.3114, 68.5716 by changing the saturation by 10% instead.

■ 59.6432, 72.3114,
68.5716

■ 59.6432, 72.3114,
68.5716

413.1372,
468.6247, 474.1715

■ 43.3795, 53.4131,
49.8933

■ 103.4212,
122.4992, 118.8314

■ 30.3788, 38.1326,
34.9580

131.6662,
154.5574, 151.2500

■ 20.2758, 26.0857,
23.3473

164.6356,
191.7711, 189.0858

■ 12.7051, 16.8877,
14.6424

202.6949,
234.5246, 232.7573

■ 7.3014, 10.1545,
8.4250

246.2093,
283.2023, 282.6831

■ 3.6993, 5.5015,
4.2764

295.5443,

■ 1.5335, 2.5444,

338.1886, 339.2817

1.7782

351.0651,
399.8680, 402.9717

■ 0.3484, 0.8988,
0.4135

■ 0.0000, 0.0000,
0.0000

■ 59.6432, 72.3114,
68.5716

■ 59.6432, 72.3114,
68.5716

■ 53.0249, 69.0760,
60.3790

■ 67.3084, 76.0753,
77.5023

■ 47.3998, 66.3359,
52.9008

■ 76.0589, 80.3811,
87.1844

■ 42.7187, 64.0680,
46.1188

■ 85.9385, 85.2531,
97.6369

■ 38.9252, 62.2436,
40.0124

■ 88.1480, 86.1960,
106.5993

■ 35.9569, 60.8309,
34.5599

■ 33.7424, 59.7938,
29.7382

■ 32.1972, 59.0889,
25.5225

■ 31.2314, 58.6654,
22.1173

Harmonies

Analogous

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



62.5383, 72.3114, 58.0310



59.6432, 72.3114, 68.5716



59.1159, 72.3114, 83.2394

Triad

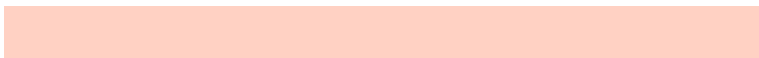
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



59.6432, 72.3114, 68.5716



70.2852, 72.3114, 111.3498



77.0179, 72.3114, 61.8222

Complementary

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



59.6432, 72.3114, 68.5716



62.1796, 56.1416, 69.1902

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.



79.3334, 72.3114, 74.3958



59.6432, 72.3114, 68.5716



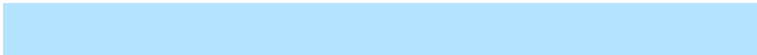
75.3170, 72.3114, 103.8562

Square

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



59.6432, 72.3114, 68.5716



65.0829, 72.3114, 109.2652



78.6954, 72.3114, 89.8557



72.5105, 72.3114, 54.4977

Rectangle

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



59.6432, 72.3114, 68.5716



60.1503, 72.3114, 93.6354



78.6954, 72.3114, 89.8557



78.0887, 72.3114, 65.5053

Sweetspot

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



59.6452, 72.3144, 68.5732



88.2884, 96.6708, 101.5117



64.4322, 75.0557, 56.4395



18.7463, 20.6172, 21.5600



0.0000, 0.0000, 0.0000



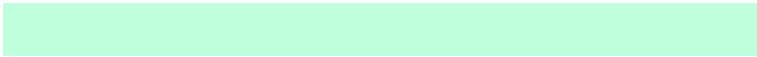
20.3446, 21.4041, 23.3091

Same Dimension

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



59.6452, 72.3144, 68.5732



70.1133, 87.7506, 80.3561



62.7411, 73.5528, 84.8762



14.4499, 16.1934, 16.6339



17.3984, 32.5915, 12.5983



1.3317, 2.4268, 1.1731

Inverse Universe

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



62.1796, 56.1416, 69.1902



73.8058, 64.1829, 81.2519



59.4124, 55.0347, 54.6184



14.7148, 14.5031, 16.6987



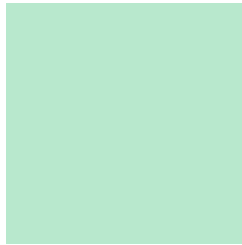
20.7952, 10.4523, 13.0825



1.5832, 0.7910, 1.2115

Previews

White Background



This preview shows how the XYZ color 59.6432, 72.3114, 68.5716 looks on a white background.

Color Contrast Check

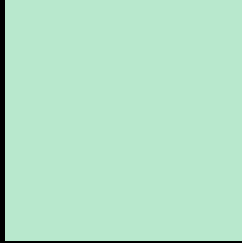
Large Text (above 18pt) WCAG AA × Fail

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 59.6432, 72.3114, 68.5716 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

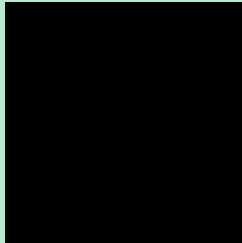
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

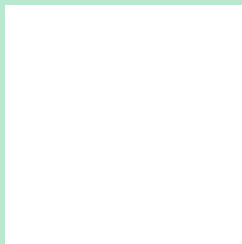
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 59.6432, 72.3114, 68.5716

Background



This preview shows how black text looks on a background with the XYZ color 59.6432, 72.3114, 68.5716.

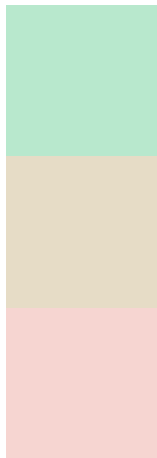


This preview shows how white text looks on a background with the XYZ color 59.6432, 72.3114,

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

59.6432, 72.3114, 68.5716

Protanopia

68.4194, 72.0866, 63.7341

Deuteranopia

73.3089, 71.7848, 70.3137



Tritanopia

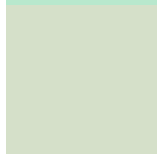
65.0113, 72.0007, 96.0590

Trichromacy



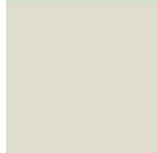
Original Color

59.6432, 72.3114, 68.5716



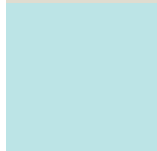
Protanomaly

64.6388, 71.6745, 65.6861



Deuteranomaly

67.4098, 71.4284, 69.9087



Tritanomaly

62.7654, 71.8913, 85.4312

Monochromacy



Original Color

59.6432, 72.3114, 68.5716



Achromatopsia

64.5905, 67.9542, 74.0022



Achromatomaly

62.5162, 69.2534, 71.7003

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.6432, 72.3114, 68.5716 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(184, 232, 205)` looks like.

```
.text, #text, p{  
    color:rgb(184, 232, 205)  
}
```

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(184, 232, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 232, 205) }
```

Border

The CSS property to change the border of an element to XYZ 59.6432, 72.3114, 68.5716 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(184, 232, 205) }
```


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

```
.border{ border-color:rgb(184, 232, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 232, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 232, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 232, 205);  
box-shadow:4px 4px 4px 4px rgb(184, 232,  
205) }
```

Background

The CSS property to change the background color of an element to XYZ 59.6432, 72.3114, 68.5716 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 232, 205) }
```

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

```
.background{ background-color: rgb(184,  
232, 205) }
```

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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