

Converting Colors

XYZ(51.5732, 64.0439, 51.7640)

Have a look what the booklet for
XYZ(51.5732, 64.0439, 51.7640)
contains.

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Color

**XYZ(51.5715, 64.0412,
51.7626)**

Conversions

Conversions Part 1

Format	Color
Hex	AFDDB2
RGB	175, 221, 178
RGB Percent	69%, 87%, 70%
CMY	0.3137, 0.1333, 0.3020
CMYK	0.21, 0.00, 0.19, 0.13
HSL	124°, 40%, 78%
HSV	124°, 21%, 87%
XYZ	51.5715, 64.0412, 51.7626
YIQ	202.3440, -13.6130, -23.1250

Conversions

Conversions Part 2

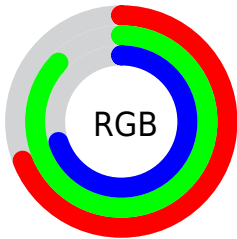
Format	Color
RYB	175, 218, 221
Decimal	11525554
CIELab	83.99, -23.17, 16.30
CIELCh	84, 28.326, 144.871
Yxy	64.0412, 0.3081, 0.3826
Android (android.graphics.Color)	4289715634 (0xFFAFDDB2)
YUV	202.3440, -12.0016, -23.9807
Hunter-Lab	80.0257, -25.0132, 17.6678

Details

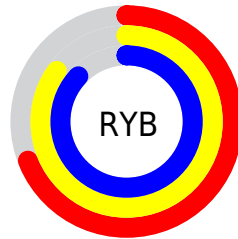
The XYZ color **51.5715, 64.0412, 51.7626** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **57.8058, 51.0954, 73.1480**, and the grayscale version is **56.4340, 59.3729, 64.6571**.

A 20% lighter version of the original color is **83.5663, 94.4494, 91.6681**, and **25.3639, 32.8907, 24.4138** is the 20% darker color. If you saturate the color by 10%, you get **45.0910, 60.9241, 41.4351**, and if you desaturate by 10%, it is **59.1797, 67.7072, 63.7763**.

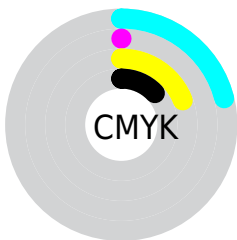
Distribution



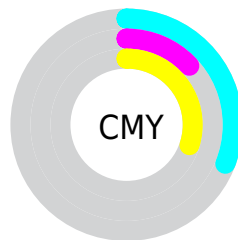
- Red (69%)
- Green (87%)
- Blue (70%)



- Red (69%)
- Yellow (85%)
- Blue (87%)



- Cyan (21%)
- Magenta (0%)
- Yellow (19%)
- Black (13%)





- Cyan (31%)
- Magenta (13%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 51.5715, 64.0412, 51.7626 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 51.5715, 64.0412, 51.7626 by changing the saturation by 10% instead.


 51.5715, 64.0412,
51.7626

 51.5715, 64.0412,
51.7626


383.1313,
439.3384, 410.4503

 36.8865, 46.6840,
36.4349


 91.6770, 110.6703,
94.2040

 25.2929, 32.7860,
24.4779

117.8282,
140.7110, 122.1549

 16.4253, 21.9625,
15.4731


148.5321,
175.7483, 155.1506

 9.9184, 13.8294,
9.0018

184.1543,
216.1667, 193.6097

 5.4067, 8.0021,
4.6455

225.0599,
262.3505, 237.9506

 2.5250, 4.0963,
1.9857


271.6144,

 0.9079, 1.7276,


314.6841, 288.5920


0.5465


324.1831,
373.5520, 345.9524


 0.0000, 0.4414,
0.0000


 0.0000, 0.0000,
0.0000


 51.5715, 64.0412,
51.7626


 51.5715, 64.0412,
51.7626


 45.0910, 60.9241,
41.4351


 59.1797, 67.7072,
63.7763


 39.6796, 58.3218,
32.7142

 67.9603, 71.9381,
77.5422

 35.2814, 56.2091,
25.5207

 77.9617, 76.7594,
93.1283

 31.8331, 54.5553,
19.7665

 85.1477, 80.1954,
105.5992

■ 29.2646, 53.3262,
15.3549

■ 27.4959, 52.4829,
12.1771

■ 26.4323, 51.9793,
10.1075

■ 25.9398, 51.7482,
9.0517

Harmonies

Analogous

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



55.9597, 64.0412, 42.9631



51.5715, 64.0412, 51.7626



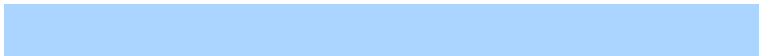
49.6808, 64.0412, 66.7023

Triad

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



51.5715, 64.0412, 51.7626



59.8027, 64.0412, 109.8734



72.4202, 64.0412, 56.2495

Complementary

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



51.5715, 64.0412, 51.7626



57.8058, 51.0954, 73.1480

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.



73.6227, 64.0412, 72.8479



51.5715, 64.0412, 51.7626



66.0579, 64.0412, 105.7945

Square

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



51.5715, 64.0412, 51.7626



54.2211, 64.0412, 101.7892



71.2223, 64.0412, 91.4374



68.0398, 64.0412, 45.2265

Rectangle

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



51.5715, 64.0412, 51.7626



49.9906, 64.0412, 78.9290



71.2223, 64.0412, 91.4374



73.2216, 64.0412, 61.2750

Sweetspot

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



51.5732, 64.0439, 51.7640



87.4255, 96.3256, 96.9677



62.7203, 69.8249, 50.7298



18.5429, 20.5358, 20.4888



0.0000, 0.0000, 0.0000



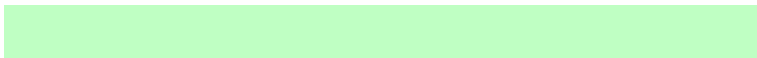
20.3446, 21.4041, 23.3091

Same Dimension

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



51.5732, 64.0439, 51.7640



67.2054, 86.5874, 65.0432



53.9979, 65.0138, 64.5324



12.9208, 14.6199, 14.0459



15.0826, 30.0657, 5.3345



0.9895, 1.9527, 0.4107

Inverse Universe

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



57.8058, 51.0954, 73.1480



77.3130, 65.5858, 99.7204



55.0804, 50.0053, 58.7962



13.5758, 13.2594, 16.2934



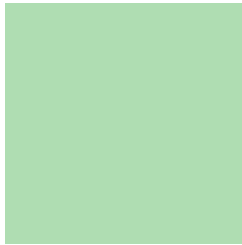
23.8517, 11.5417, 35.1946



1.5565, 0.7523, 2.3396

Previews

White Background



This preview shows how the XYZ color 51.5715, 64.0412, 51.7626 looks on a white background.

Color Contrast Check

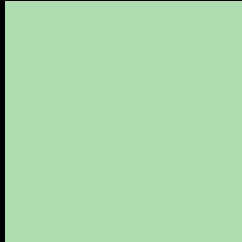
Large Text (above 18pt) WCAG AA × Fail

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 51.5715, 64.0412, 51.7626 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

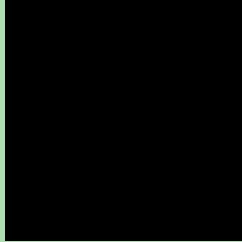
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

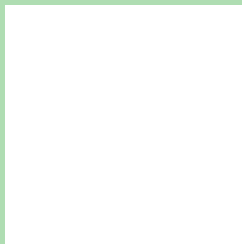
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 51.5715, 64.0412, 51.7626

Background



This preview shows how black text looks on a background with the XYZ color 51.5715, 64.0412, 51.7626.



This preview shows how white text looks on a background with the XYZ color 51.5715, 64.0412, 51.7626.

51.7626.

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



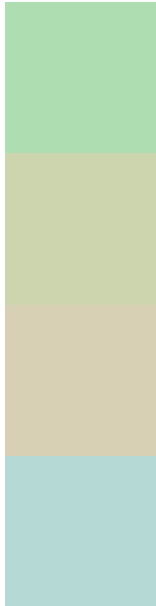
Original Color
51.5715, 64.0412, 51.7626
Protanopia
59.8211, 63.4625, 48.1263
Deuteranopia
64.9267, 63.5014, 53.0910



Tritanopia

58.2375, 64.0530, 84.8953

Trichromacy



Original Color

51.5715, 64.0412, 51.7626

Protanomaly

56.3361, 63.4819, 49.3284

Deuteranomaly

59.2153, 63.0469, 52.7643

Tritanomaly

55.7526, 64.2029, 71.7413

Monochromacy



Original Color

51.5715, 64.0412, 51.7626

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

54.1643, 60.6577, 59.3054

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.5715, 64.0412, 51.7626 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(175, 221, 178)` looks like.

```
.text, #text, p{  
    color:rgb(175, 221, 178)  
}
```

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(175, 221, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 221, 178) }
```

Border

The CSS property to change the border of an element to XYZ 51.5715, 64.0412, 51.7626 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(175, 221, 178) }
```


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

```
.border{ border-color:rgb(175, 221, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 221, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(175, 221, 178); -webkit-box-shadow:4px 4px 4px 4px rgb(175, 221, 178); box-shadow:4px 4px 4px 4px rgb(175, 221, 178) }
```

Background

The CSS property to change the background color of an element to XYZ 51.5715, 64.0412, 51.7626 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 221, 178) }
```

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

```
.background{ background-color: rgb(175,  
221, 178) }
```

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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