

Converting Colors

XYZ(50.8766, 62.2699, 40.3221)

Have a look what the booklet for
XYZ(50.8766, 62.2699, 40.3221)
contains.

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Color

**XYZ(50.9789, 62.4314,
40.3739)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | BAD99B |
| RGB | 186, 217, 155 |
| RGB Percent | 73%, 85%, 61% |
| CMY | 0.2706, 0.1490, 0.3921 |
| CMYK | 0.14, 0.00, 0.29, 0.15 |
| HSL | 90°, 45%, 73% |
| HSV | 90°, 29%, 85% |
| XYZ | 50.9789, 62.4314, 40.3739 |
| YIQ | 200.6630, 1.4260, -25.8540 |

Conversions

Conversions Part 2

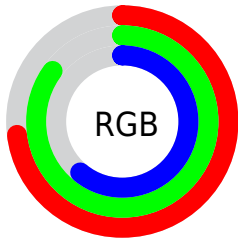
| Format | Color |
|-------------------------------------|--|
| RYB | 155, 217, 186 |
| Decimal | 12245403 |
| CIELab | 83.14, -21.09, 27.25 |
| CIELCh | 83, 34.460, 127.742 |
| Yxy | 62.4314, 0.3315, 0.4060 |
| Android (android.graphics.Color) | 4290435483 (0xFFBAD99B) |
| YUV | 200.6630, -22.5119, -12.8595 |
| Hunter-Lab | 79.0135, -23.1069, 25.0138 |

Details

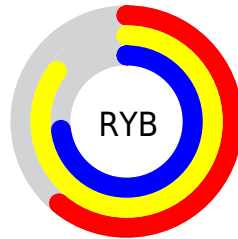
The XYZ color **50.9789, 62.4314, 40.3739** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **44.4981, 38.8933, 70.8110**, and the grayscale version is **55.4444, 58.3318, 63.5233**.

A 20% lighter version of the original color is **84.3550, 95.2278, 74.9076**, and **24.8842, 31.7255, 17.6441** is the 20% darker color. If you saturate the color by 10%, you get **46.7813, 60.4614, 31.5042**, and if you desaturate by 10%, it is **55.7075, 64.6411, 50.9806**.

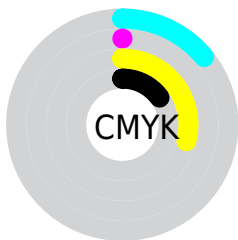
Distribution



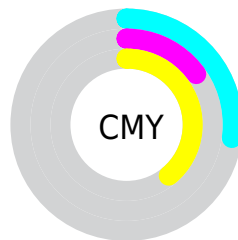
- Red (73%)
- Green (85%)
- Blue (61%)



- Red (61%)
- Yellow (85%)
- Blue (73%)



- Cyan (14%)
- Magenta (0%)
- Yellow (29%)
- Black (15%)





- Cyan (27%)
- Magenta (15%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 50.9789, 62.4314, 40.3739 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 50.9789, 62.4314, 40.3739 by changing the saturation by 10% instead.


 50.9789, 62.4314,
40.3739


 50.9789, 62.4314,
40.3739


380.8708,
433.5030, 363.2958

 36.4128, 45.3814,
27.5142


 90.8068, 108.3488,
76.9758

 24.9248, 31.7579,
17.7239

 116.7992,
137.9849, 101.5552

 16.1494, 21.1767,
10.5846


147.3312,
172.5852, 130.8781

 9.7215, 13.2532,
5.6776

182.7680,
212.5341, 165.3632

 5.2755, 7.6031,
2.5845

223.4750,
258.2159, 205.4289

 2.4462, 3.8421,
0.8844

269.8176,

 0.8682, 1.5856,

310.0150, 251.4940

0.0000

322.1611,
368.3159, 303.9767

0.0000, 0.3479,
0.0000

0.0000, 0.0000,
0.0000

50.9789, 62.4314,
40.3739

50.9789, 62.4314,
40.3739

46.7813, 60.4614,
31.5042

55.7075, 64.6411,
50.9806

43.0879, 58.7135,
24.2749

60.9828, 67.0911,
63.4059

39.8766, 57.1806,
18.5859

66.8257, 69.7922,
77.7312

37.1213, 55.8517,
14.3248

73.2545, 72.7523,
94.0318

■ 34.7928, 54.7144,
11.3639

■ 78.8868, 75.4187,
105.0072

■ 32.8575, 53.7548,
9.5523

■ 82.6870, 77.3778,
105.1851

■ 31.2666, 52.9527,
8.6620

■ 84.1042, 78.1084,
105.2514

■ 31.0584, 52.8474,
8.5636

Harmonies

Analogous

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



57.4264, 62.4314, 34.8355



50.9789, 62.4314, 40.3739



47.0205, 62.4314, 53.5634

Triad

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



50.9789, 62.4314, 40.3739



54.0660, 62.4314, 113.5665



74.7304, 62.4314, 62.5881

Complementary

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



50.9789, 62.4314, 40.3739



44.4981, 38.8933, 70.8110

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.



73.6409, 62.4314, 84.7693



50.9789, 62.4314, 40.3739



61.2940, 62.4314, 117.3944

Square

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



50.9789, 62.4314, 40.3739



48.6959, 62.4314, 96.3751



68.5669, 62.4314, 105.9462



71.4302, 62.4314, 45.7899

Rectangle

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



50.9789, 62.4314, 40.3739



46.1199, 62.4314, 66.3700



68.5669, 62.4314, 105.9462



74.8701, 62.4314, 69.6102

Sweetspot

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



50.9805, 62.4341, 40.3753



87.4758, 96.4971, 90.3965



52.0930, 52.2384, 38.3486



18.4750, 20.5392, 18.7541



0.0000, 0.0000, 0.0000



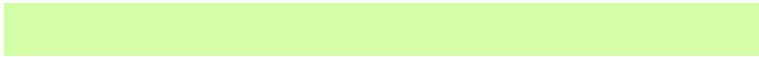
20.3446, 21.4041, 23.3091

Same Dimension

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



50.9805, 62.4341, 40.3753



69.9051, 88.3028, 50.5522



44.2487, 58.9637, 40.0602



13.5037, 14.9244, 13.8946



18.9221, 32.0522, 5.1894



1.3252, 2.1277, 0.3408

Inverse Universe

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



44.4981, 38.8933, 70.8110



59.1600, 49.2819, 101.0020



52.8635, 43.2059, 71.2025



12.9560, 12.9354, 16.4661



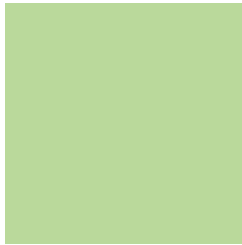
11.4850, 5.0449, 40.1068



0.8434, 0.3781, 2.6030

Previews

White Background



This preview shows how the XYZ color 50.9789, 62.4314, 40.3739 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 50.9789, 62.4314, 40.3739 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

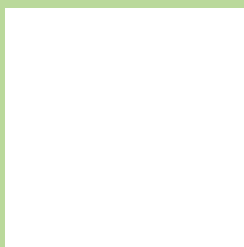
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 50.9789, 62.4314, 40.3739

Background



This preview shows how black text looks on a background with the XYZ color 50.9789, 62.4314, 40.3739.



This preview shows how white text looks on a background with the XYZ color 50.9789, 62.4314,

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

50.9789, 62.4314, 40.3739

Protanopia

57.7005, 61.8742, 37.7559

Deuteranopia

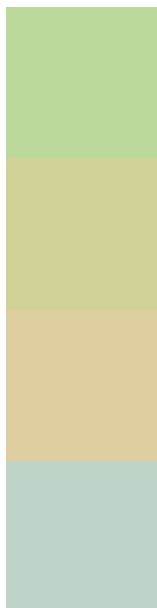
63.4142, 61.9461, 41.4154



Tritanopia

58.9114, 62.2838, 80.1512

Trichromacy



Original Color

50.9789, 62.4314, 40.3739

Protanomaly

55.0086, 61.9155, 38.7574

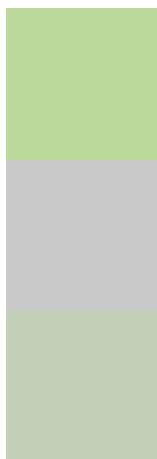
Deuteranomaly

58.1271, 61.6609, 41.1859

Tritanomaly

55.4578, 61.9651, 63.6811

Monochromacy



Original Color

50.9789, 62.4314, 40.3739

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

53.7295, 59.8221, 54.0624

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.9789, 62.4314, 40.3739 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(186, 217, 155)` looks like.

```
.text, #text, p{  
    color:rgb(186, 217, 155)  
}
```

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(186, 217, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 217, 155) }
```

Border

The CSS property to change the border of an element to XYZ 50.9789, 62.4314, 40.3739 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(186, 217, 155) }
```


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

```
.border{ border-color:rgb(186, 217, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 217, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 217, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 217, 155);  
box-shadow:4px 4px 4px 4px rgb(186, 217,  
155) }
```

Background

The CSS property to change the background color of an element to XYZ 50.9789, 62.4314, 40.3739 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 217, 155) }
```

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

```
.background{ background-color: rgb(186,  
217, 155) }
```

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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