

Converting Colors

XYZ(49.7152, 60.3215, 41.4365)

Have a look what the booklet for
XYZ(49.7152, 60.3215, 41.4365)
contains.

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Color

**XYZ(49.7330, 60.2475,
41.3555)**

Conversions

Conversions Part 1

Format	Color
Hex	B8D59E
RGB	184, 213, 158
RGB Percent	72%, 84%, 62%
CMY	0.2784, 0.1647, 0.3804
CMYK	0.14, 0.00, 0.26, 0.16
HSL	92°, 40%, 73%
HSV	92°, 26%, 84%
XYZ	49.7330, 60.2475, 41.3555
YIQ	198.0590, 0.3710, -23.2530

Conversions

Conversions Part 2

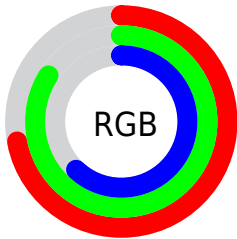
Format	Color
RYB	158, 213, 187
Decimal	12113310
CIELab	81.97, -19.39, 24.08
CIELCh	82, 30.914, 128.841
Yxy	60.2475, 0.3286, 0.3981
Android (android.graphics.Color)	4290303390 (0xFFB8D59E)
YUV	198.0590, -19.7491, -12.3297
Hunter-Lab	77.6193, -21.4634, 22.7438

Details

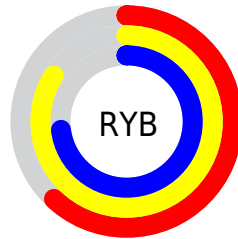
The XYZ color **49.7330, 60.2475, 41.3555** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **44.7331, 39.8243, 68.2833**, and the grayscale version is **53.8299, 56.6332, 61.6736**.

A 20% lighter version of the original color is **83.7054, 94.8494, 76.8468**, and **24.0343, 30.2402, 18.2059** is the 20% darker color. If you saturate the color by 10%, you get **45.4719, 58.2464, 32.4009**, and if you desaturate by 10%, it is **54.5287, 62.4911, 51.9964**.

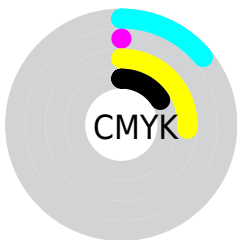
Distribution



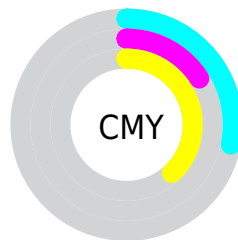
- Red (72%)
- Green (84%)
- Blue (62%)



- Red (62%)
- Yellow (84%)
- Blue (73%)



- Cyan (14%)
- Magenta (0%)
- Yellow (26%)
- Black (16%)





- Cyan (28%)
- Magenta (16%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 49.7330, 60.2475, 41.3555 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 49.7330, 60.2475, 41.3555 by changing the saturation by 10% instead.


 49.7330, 60.2475,
41.3555


 49.7330, 60.2475,
41.3555

376.0902,
425.5094, 367.5248

 35.4182, 43.6182,
28.2752


 88.9733, 105.1886,
78.4828

 24.1532, 30.3704,
18.2923


 114.6296,
134.2692, 103.3668

 15.5727, 20.1199,
10.9885


144.7971,
168.2689, 133.0225

 9.3112, 12.4822,
5.9450

179.8412,
207.5723, 167.8684

 5.0035, 7.0730,
2.7434

220.1271,
252.5636, 208.3231

 2.2841, 3.5078,
0.9652

266.0204,

 0.7865, 1.4022,

303.6273, 254.8050

0.0000

317.8863,
361.1478, 307.7327

■ 0.0000, 0.2184,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 49.7330, 60.2475,
41.3555

■ 49.7330, 60.2475,
41.3555

■ 45.4719, 58.2464,
32.4009

■ 54.5287, 62.4911,
51.9964

■ 41.7194, 56.4710,
25.0420

■ 59.8744, 64.9779,
64.4001

■ 38.4541, 54.9139,
19.1860

■ 65.7904, 67.7185,
78.6429

■ 35.6510, 53.5645,
14.7286

■ 72.2946, 70.7208,
94.7958

■ 33.2821, 52.4112,
11.5523

■ 77.8356, 73.3646,
104.6661

■ 31.3159, 51.4405,
9.5202

■ 81.7712, 75.3935,
104.8503

■ 29.7141, 50.6365,
8.4633

■ 83.0855, 76.0710,
104.9118

■ 29.1269, 50.3394,
8.1813

Harmonies

Analogous

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



55.3523, 60.2475, 36.0589



49.7330, 60.2475, 41.3555



46.3180, 60.2475, 53.4388

Triad

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



49.7330, 60.2475, 41.3555



52.8430, 60.2475, 105.2458



70.6103, 60.2475, 60.2182

Complementary

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



49.7330, 60.2475, 41.3555



44.7331, 39.8243, 68.2833

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.



69.8102, 60.2475, 79.4773



49.7330, 60.2475, 41.3555



59.2180, 60.2475, 108.0109

Square

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



49.7330, 60.2475, 41.3555



48.0162, 60.2475, 90.8788



65.5181, 60.2475, 97.8406



67.6277, 60.2475, 45.5049

Rectangle

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



49.7330, 60.2475, 41.3555



45.5880, 60.2475, 64.8734



65.5181, 60.2475, 97.8406



70.7793, 60.2475, 66.3306

Sweetspot

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



49.7346, 60.2501, 41.3568



88.0901, 96.7716, 92.3305



51.2613, 51.9107, 39.6667



18.5881, 20.5891, 19.1387



0.0000, 0.0000, 0.0000



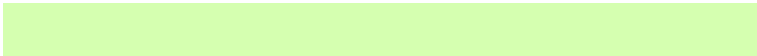
20.3446, 21.4041, 23.3091

Same Dimension

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



49.7346, 60.2501, 41.3568



71.1236, 88.8459, 54.4487



44.1474, 57.3607, 41.5088



12.8151, 14.1809, 13.2225



17.9072, 30.8078, 5.0027



1.1752, 1.9072, 0.3062

Inverse Universe

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



44.7331, 39.8243, 68.2833



62.3699, 53.1002, 101.5699



51.5640, 43.3592, 67.9972



12.3614, 12.3277, 15.6655



11.5619, 5.1129, 38.8307



0.7926, 0.3575, 2.3465

Previews

White Background



This preview shows how the XYZ color 49.7330, 60.2475, 41.3555 looks on a white background.

Color Contrast Check

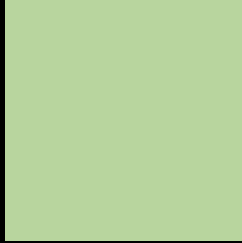
Large Text (above 18pt) WCAG AA × Fail

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 49.7330, 60.2475, 41.3555 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

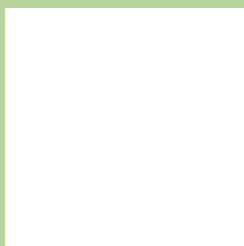
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 49.7330, 60.2475, 41.3555

Background



This preview shows how black text looks on a background with the XYZ color 49.7330, 60.2475, 41.3555.



This preview shows how white text looks on a background with the XYZ color 49.7330, 60.2475,

41.3555.

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

49.7330, 60.2475, 41.3555

Protanopia

56.1021, 59.9504, 39.1865

Deuteranopia

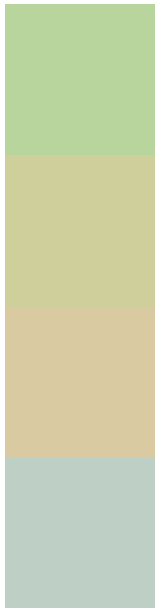
60.9617, 59.6434, 42.4817



Tritanopia

56.8748, 60.2206, 77.0327

Trichromacy



Original Color

49.7330, 60.2475, 41.3555

Protanomaly

53.6828, 60.1140, 39.7841

Deuteranomaly

56.4670, 59.7197, 42.2691

Tritanomaly

53.9841, 60.1361, 62.1882

Monochromacy



Original Color

49.7330, 60.2475, 41.3555

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

51.8955, 57.4682, 53.1570

CSS Examples

Text

The CSS property to change the color of the text to XYZ 49.7330, 60.2475, 41.3555 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, 213, 158)` looks like.

```
.text, #text, p{  
    color:rgb(184, 213, 158)  
}
```

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, 213, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 213, 158) }
```

Border

The CSS property to change the border of an element to XYZ 49.7330, 60.2475, 41.3555 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, 213, 158) }
```


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

```
.border{ border-color:rgb(184, 213, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 213, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(184, 213, 158); -webkit-box-shadow:4px 4px 4px 4px rgb(184, 213, 158); box-shadow:4px 4px 4px 4px rgb(184, 213, 158) }
```

Background

The CSS property to change the background color of an element to XYZ 49.7330, 60.2475, 41.3555 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 213, 158) }
```

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

```
.background{ background-color: rgb(184,  
213, 158) }
```

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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