

Converting Colors

XYZ(31.0676, 41.7355, 25.9394)

Have a look what the booklet for
XYZ(31.0676, 41.7355, 25.9394)
contains.

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Color

**XYZ(30.9334, 41.5850,
25.7984)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 85BA7D |
| RGB | 133, 186, 125 |
| RGB Percent | 52%, 73%, 49% |
| CMY | 0.4784, 0.2706, 0.5098 |
| CMYK | 0.28, 0.00, 0.33, 0.27 |
| HSL | 112°, 31%, 61% |
| HSV | 112°, 33%, 73% |
| XYZ | 30.9334, 41.5850, 25.7984 |
| YIQ | 163.1990, -12.0070, -30.2070 |

Conversions

Conversions Part 2

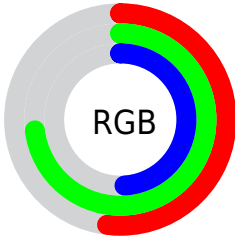
| Format | Color |
|-------------------------------------|--|
| RYB | 125, 186, 178 |
| Decimal | 8764029 |
| CIELab | 70.58, -29.28, 25.52 |
| CIElCh | 71, 38.843, 138.920 |
| Yxy | 41.5850, 0.3146, 0.4230 |
| Android (android.graphics.Color) | 4286954109 (0xFF85BA7D) |
| YUV | 163.1990, -18.8321, -26.4845 |
| Hunter-Lab | 64.4864, -27.2269, 21.4210 |

Details

The XYZ color **30.9334, 41.5850, 25.7984** is a dark color, and the websafe version is hex **99CC99**. A complement of this color would be **34.5585, 27.6787, 49.9777**, and the grayscale version is **34.9979, 36.8205, 40.0976**.

A 20% lighter version of the original color is **60.2815, 77.2834, 53.8595**, and **13.0509, 19.0324, 9.6424** is the 20% darker color. If you saturate the color by 10%, you get **27.4967, 39.9392, 20.0052**, and if you desaturate by 10%, it is **34.9874, 43.5258, 32.7838**.

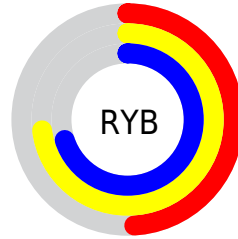
Distribution



Red (52%)

Green (73%)

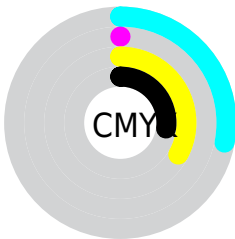
Blue (49%)



Red (49%)

Yellow (73%)

Blue (70%)

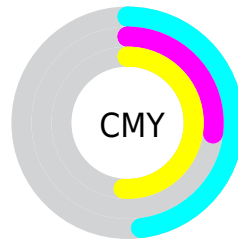


Cyan (28%)

Magenta (0%)

Yellow (33%)

Black (27%)



Cyan (48%)


Magenta (27%)


Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 30.9334, 41.5850, 25.7984 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 30.9334, 41.5850, 25.7984 by changing the saturation by 10% instead.


 30.9334, 41.5850,
25.7984


 30.9334, 41.5850,
25.7984


298.0637,
352.7597, 295.3650


 20.6997, 28.7765,
16.4485


 60.5118, 77.5712,
53.9296

 13.0159, 18.9118,
9.6843


 80.5871, 101.5176,
73.5480

 7.5166, 11.6066,
5.0873


 104.6738,
129.9454, 97.4263

 3.8364, 6.4764,
2.2389

133.1371,
163.2391, 125.9830

 1.6100, 3.1369,
0.6967

166.3424,
201.7829, 159.6366

 0.3989, 1.2036,
0.0000

204.6550,

 0.0000, 0.0646,

245.9614, 198.8058

0.0000

248.4404,
296.1588, 243.9091

■ 0.0000, 0.0000,
0.0000

■ 30.9334, 41.5850,
25.7984

■ 30.9334, 41.5850,
25.7984

■ 27.4967, 39.9392,
20.0052

■ 34.9874, 43.5258,
32.7838

■ 24.6437, 38.5689,
15.3351

■ 39.6838, 45.7694,
41.0198

■ 22.3427, 37.4604,
11.7159


■ 45.0500, 48.3301,
50.5645


■ 20.5572, 36.5967,
9.0664


■ 51.1111, 51.2196,
61.4713


■ 19.2466, 35.9589,
7.2929

■ 57.8907, 54.4489,
73.7909

 18.3636, 35.5252,
6.2836

 65.4114, 58.0288,
87.5711

 17.9457, 35.3185,
5.8713

 73.6618, 61.9560,
102.6841

 76.8497, 63.5995,
102.8332

Harmonies

Analogous

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



35.6573, 41.5850, 19.3986



30.9334, 41.5850, 25.7984



28.6091, 41.5850, 38.8203

Triad

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



30.9334, 41.5850, 25.7984



37.2006, 41.5850, 89.5749



52.3869, 41.5850, 34.7586

Complementary

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



30.9334, 41.5850, 25.7984



34.5585, 27.6787, 49.9777

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.



52.9155, 41.5850, 52.4170



30.9334, 41.5850, 25.7984



43.6634, 41.5850, 87.6185

Square

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



30.9334, 41.5850, 25.7984



31.9577, 41.5850, 77.4880



49.5768, 41.5850, 72.7017



48.2022, 41.5850, 23.5207

Rectangle

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



30.9334, 41.5850, 25.7984



28.5440, 41.5850, 50.9831



49.5768, 41.5850, 72.7017



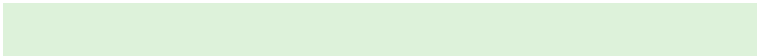
53.0138, 41.5850, 40.0171

Sweetspot

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



30.9345, 41.5868, 25.7993



74.3649, 84.1202, 78.6642



39.8471, 43.7095, 25.7393



16.0857, 18.3859, 16.8082



90.7827, 95.5105, 104.0109



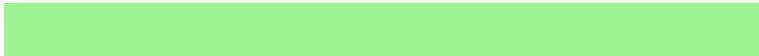
18.6292, 19.5994, 21.3438

Same Dimension

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



30.9345, 41.5868, 25.7993



51.6832, 73.2742, 39.3420



31.3130, 41.5978, 34.1348



8.9969, 10.1151, 9.5851



12.1097, 23.7791, 3.9516



0.4625, 0.8566, 0.1410

Inverse Universe

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



34.5585, 27.6787, 49.9777



59.2078, 44.3346, 89.6382



34.2526, 27.7745, 38.5058



9.2620, 9.1014, 11.3480



15.9792, 7.5488, 31.8679



0.5958, 0.2829, 1.1249

Previews

White Background



This preview shows how the XYZ color 30.9334, 41.5850, 25.7984 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 30.9334, 41.5850, 25.7984 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 30.9334, 41.5850, 25.7984

Background



This preview shows how black text looks on a background with the XYZ color 30.9334, 41.5850, 25.7984.



This preview shows how white text looks on a background with the XYZ color 30.9334, 41.5850,

25.7984.

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

30.9334, 41.5850, 25.7984

Protanopia

38.3320, 41.2761, 23.3995

Deuteranopia

42.1130, 41.2185, 26.8555



Tritanopia

37.1119, 41.6663, 55.9556

Trichromacy



Original Color

30.9334, 41.5850, 25.7984

Protanomaly

35.1097, 41.0402, 24.1602

Deuteranomaly

37.1999, 40.9106, 26.3580

Tritanomaly

34.5763, 41.5376, 43.2410

Monochromacy



Original Color

30.9334, 41.5850, 25.7984

Achromatopsia

34.8123, 36.6253, 39.8849

Achromatomaly

32.9366, 37.9711, 34.0270

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.9334, 41.5850, 25.7984 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(133, 186, 125)` looks like.

```
.text, #text, p{  
    color:rgb(133, 186, 125)  
}
```

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(133, 186, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 186, 125) }
```

Border

The CSS property to change the border of an element to XYZ 30.9334, 41.5850, 25.7984 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(133, 186, 125) }
```


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

```
.border{ border-color:rgb(133, 186, 125) }
```

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

Here you see how a box with a 4 pixel rgb(133, 186, 125) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 186, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 186, 125);  
box-shadow:4px 4px 4px 4px rgb(133, 186,  
125) }
```

Background

The CSS property to change the background color of an element to XYZ 30.9334, 41.5850, 25.7984 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 186, 125) }
```

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

```
.background{ background-color: rgb(133,  
186, 125) }
```

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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