

Converting Colors

XYZ(34.2325, 42.9585, 25.9335)

Have a look what the booklet for
XYZ(34.2325, 42.9585, 25.9335)
contains.

| | |
|--|----|
| XYZ(34.1875, 42.9509, 25.8905) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 12 |
| <i>Previews</i> | 24 |
| <i>Color Blindness Simulation</i> | 28 |
| <i>CSS Examples</i> | 31 |

Color

**XYZ(34.1875, 42.9509,
25.8905)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 99B97D |
| RGB | 153, 185, 125 |
| RGB Percent | 60%, 73%, 49% |
| CMY | 0.4000, 0.2745, 0.5098 |
| CMYK | 0.17, 0.00, 0.32, 0.27 |
| HSL | 92°, 30%, 61% |
| HSV | 92°, 32%, 73% |
| XYZ | 34.1875, 42.9509, 25.8905 |
| YIQ | 168.5920, 0.1880, -25.4440 |

Conversions

Conversions Part 2

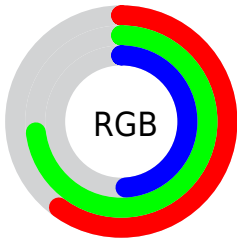
| Format | Color |
|-------------------------------------|--|
| RYB | 125, 185, 157 |
| Decimal | 10074493 |
| CIELab | 71.52, -21.66, 26.99 |
| CIELCh | 72, 34.610, 128.745 |
| Yxy | 42.9509, 0.3318, 0.4169 |
| Android (android.graphics.Color) | 4288264573 (0xFF99B97D) |
| YUV | 168.5920, -21.4909, -13.6742 |
| Hunter-Lab | 65.5369, -21.5747, 22.4532 |

Details

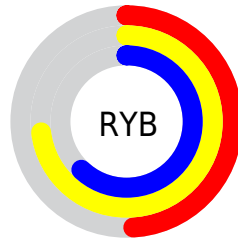
The XYZ color **34.1875, 42.9509, 25.8905** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **29.9970, 25.3393, 49.2113**, and the grayscale version is **37.6142, 39.5730, 43.0950**.

A 20% lighter version of the original color is **65.5036, 79.5348, 54.0188**, and **14.8881, 19.7772, 9.6893** is the 20% darker color. If you saturate the color by 10%, you get **31.3282, 41.6023, 20.1516**, and if you desaturate by 10%, it is **37.4232, 44.4707, 32.7978**.

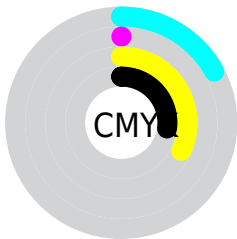
Distribution



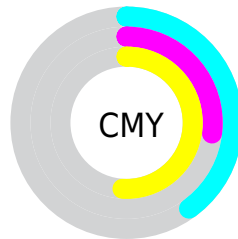
- Red (60%)
- Green (73%)
- Blue (49%)



- Red (49%)
- Yellow (73%)
- Blue (62%)



- Cyan (17%)
- Magenta (0%)
- Yellow (32%)
- Black (27%)





- Cyan (40%)
- Magenta (27%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.1875, 42.9509, 25.8905 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 34.1875, 42.9509, 25.8905 by changing the saturation by 10% instead.


 34.1875, 42.9509,
25.8905


 34.1875, 42.9509,
25.8905


312.5385,
358.4098, 295.8325


 23.2013, 29.8466,
16.5167


 65.5675, 79.6368,
54.0802

 14.8637, 19.7222,
9.7322


 86.6920, 103.9871,
73.7331

 8.8095, 12.1933,
5.1185


 111.9265,
132.8549, 97.6495

 4.6732, 6.8754,
2.2570

141.6366,
166.6246, 126.2479

 2.0896, 3.3843,
0.7070

176.1874,
205.6805, 159.9469

 0.6836, 1.3355,
0.0000

215.9445,

 0.0000, 0.1685,

250.4071, 199.1650

0.0000

261.2730,
301.1887, 244.3206

■ 0.0000, 0.0000,
0.0000

■ 34.1875, 42.9509,
25.8905

■ 34.1875, 42.9509,
25.8905

■ 31.3282, 41.6023,
20.1516

■ 37.4232, 44.4707,
32.7978

■ 28.8261, 40.4125,
15.5138

■ 41.0469, 46.1626,
40.9305

■ 26.6650, 39.3759,
11.9070


■ 45.0737, 48.0343,
50.3451

■ 24.8258, 38.4847,
9.2518


■ 49.5168, 50.0915,
61.0938

■ 23.2872, 37.7296,
7.4576


■ 54.3888, 52.3396,
73.2258


 22.0242, 37.1002,
6.4157

 59.7017, 54.7838,
86.7879

 21.2178, 36.6937,
5.9643

 65.4671, 57.4292,
101.8248

 68.6597, 59.0658,
102.3898

 71.9524, 60.7632,
102.5439

Harmonies

Analogous

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



39.1390, 42.9509, 21.6265



34.1875, 42.9509, 25.8905



31.2217, 42.9509, 36.0438

Triad

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



34.1875, 42.9509, 25.8905



36.8842, 42.9509, 83.6237



52.9663, 42.9509, 42.0425

Complementary

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



34.1875, 42.9509, 25.8905



29.9970, 25.3393, 49.2113

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.



52.2161, 42.9509, 59.4286



34.1875, 42.9509, 25.8905



42.5558, 42.9509, 86.3259

Square

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



34.1875, 42.9509, 25.8905



32.6723, 42.9509, 69.9349



48.2671, 42.9509, 76.6213



50.2289, 42.9509, 29.3795

Rectangle

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



34.1875, 42.9509, 25.8905



30.5891, 42.9509, 46.0649



48.2671, 42.9509, 76.6213



53.1187, 42.9509, 47.4746

Sweetspot

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



34.1886, 42.9528, 25.8914



75.0834, 83.4047, 76.9243



35.7679, 35.9105, 24.4489



15.9773, 17.8830, 16.1007



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



34.1886, 42.9528, 25.8914



57.4719, 75.1521, 38.7594



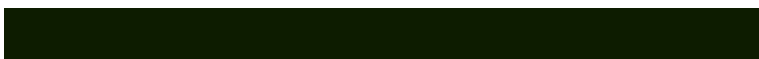
29.6385, 40.5922, 26.3523



9.2780, 10.2600, 9.5983



14.5293, 25.0264, 4.0648



0.5837, 0.9191, 0.1466

Inverse Universe

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



29.9970, 25.3393, 49.2113



48.7814, 38.6445, 87.0927



35.8901, 28.4016, 48.3925



8.9662, 8.9489, 11.3342



9.5270, 4.2226, 31.5660



0.4066, 0.1853, 1.1161

Previews

White Background



This preview shows how the XYZ color 34.1875, 42.9509, 25.8905 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 34.1875, 42.9509, 25.8905 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 34.1875, 42.9509, 25.8905

Background



This preview shows how black text looks on a background with the XYZ color 34.1875, 42.9509, 25.8905.



This preview shows how white text looks on a background with the XYZ color 34.1875, 42.9509,

25.8905.

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

34.1875, 42.9509, 25.8905

Protanopia

39.7674, 42.8592, 24.2659

Deuteranopia

43.5133, 42.4878, 26.6764



Tritanopia

40.2304, 42.9924, 55.4682

Trichromacy



Original Color

34.1875, 42.9509, 25.8905

Protanomaly

37.5374, 42.8754, 24.7097

Deuteranomaly

39.5259, 42.3954, 26.5220

Tritanomaly

37.5944, 42.8035, 42.8397

Monochromacy



Original Color

34.1875, 42.9509, 25.8905

Achromatopsia

37.7116, 39.6755, 43.2066

Achromatomaly

36.1840, 40.7464, 36.0947

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.1875, 42.9509, 25.8905 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(153, 185, 125)` looks like.

```
.text, #text, p{  
    color:rgb(153, 185, 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(153, 185, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 185, 125) }
```

Border

The CSS property to change the border of an element to XYZ 34.1875, 42.9509, 25.8905 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(153, 185, 125) }
```


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

```
.border{ border-color:rgb(153, 185, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 185, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 185, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 185, 125);  
box-shadow:4px 4px 4px 4px rgb(153, 185,  
125) }
```

Background

The CSS property to change the background color of an element to XYZ 34.1875, 42.9509, 25.8905 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 185, 125) }
```

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

```
.background{ background-color: rgb(153,  
185, 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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