

Converting Colors

XYZ(34.3903, 41.8232, 25.9988)

Have a look what the booklet for
XYZ(34.3903, 41.8232, 25.9988)
contains.

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Color

**XYZ(34.3903, 41.8232,
25.9988)**

Conversions

Conversions Part 1

Format	Color
Hex	9EB57E
RGB	158, 181, 126
RGB Percent	62%, 71%, 49%
CMY	0.3804, 0.2902, 0.5059
CMYK	0.13, 0.00, 0.30, 0.29
HSL	85°, 27%, 60%
HSV	85°, 30%, 71%
XYZ	34.3903, 41.8232, 25.9988
YIQ	167.8530, 3.9470, -21.9810

Conversions

Conversions Part 2

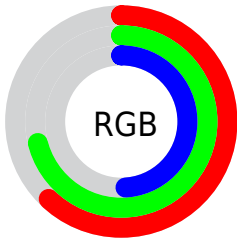
Format	Color
RYB	126, 181, 149
Decimal	10401150
CIELab	70.75, -17.63, 25.49
CIElCh	71, 30.991, 124.668
Yxy	41.8232, 0.3365, 0.4092
Android (android.graphics.Color)	4288591230 (0xFF9EB57E)
YUV	167.8530, -20.6335, -8.6411
Hunter-Lab	64.6709, -18.2523, 21.4340

Details

The XYZ color **34.3903, 41.8232, 25.9988** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **28.1975, 24.6487, 46.9899**, and the grayscale version is **37.2449, 39.1845, 42.6720**.

A 20% lighter version of the original color is **65.8614, 77.9692, 54.2261**, and **14.9675, 19.0243, 9.7207** is the 20% darker color. If you saturate the color by 10%, you get **31.8832, 40.6550, 20.3266**, and if you desaturate by 10%, it is **37.2026, 43.1269, 32.7901**.

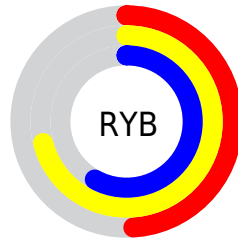
Distribution



Red (62%)

Green (71%)

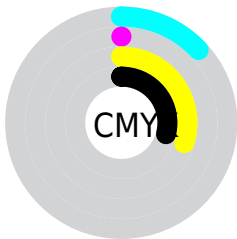
Blue (49%)



Red (49%)

Yellow (71%)

Blue (58%)

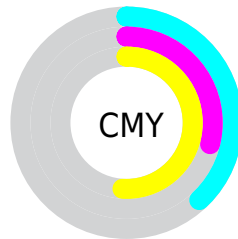


Cyan (13%)

Magenta (0%)

Yellow (30%)

Black (29%)



Cyan (38%)


Magenta (29%)


Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.3903, 41.8232, 25.9988 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 34.3903, 41.8232, 25.9988 by changing the saturation by 10% instead.


 34.3903, 41.8232,
25.9988


 34.3903, 41.8232,
25.9988


313.4243,
353.7495, 296.3815


 23.3579, 28.9629,
16.5970


 65.8804, 77.9320,
54.2571

 14.9802, 19.0527,
9.7887


 87.0689, 101.9492,
73.9506

 8.8917, 11.7084,
5.1553

 112.3734,
130.4542, 97.9118

 4.7271, 6.5454,
2.2783

142.1593,
163.8314, 126.5592

 2.1212, 3.1795,
0.7190

176.7920,
202.4651, 160.3113

 0.7007, 1.2261,
0.0000

216.6368,

 0.0000, 0.0829,

246.7398, 199.5867

0.0000

262.0591,
297.0398, 244.8039

■ 0.0000, 0.0000,
0.0000

■ 34.3903, 41.8232,
25.9988

■ 34.3903, 41.8232,
25.9988

■ 31.8832, 40.6550,
20.3266

■ 37.2026, 43.1269,
32.7901

■ 29.6652, 39.6114,
15.7108

■ 40.3291, 44.5656,
40.7534

■ 27.7230, 38.6884,
12.0862


■ 43.7823, 46.1460,
49.9416


■ 26.0412, 37.8796,
9.3800


■ 47.5728, 47.8725,
60.4034


■ 24.6020, 37.1776,
7.5086


■ 51.7110, 49.7493,
72.1850


 23.3851, 36.5741,
6.3738

 56.2067, 51.7806,
85.3302

 22.3860, 36.0711,
5.7825

 61.0691, 53.9703,
99.8808

 63.6566, 55.2618,
101.9193

 65.9804, 56.4597,
102.0280

Harmonies

Analogous

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



38.9527, 41.8232, 22.7503



34.3903, 41.8232, 25.9988



31.4705, 41.8232, 34.4687

Triad

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



34.3903, 41.8232, 25.9988



35.6708, 41.8232, 76.2147



50.4393, 41.8232, 43.2733

Complementary

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



34.3903, 41.8232, 25.9988



28.1975, 24.6487, 46.9899

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.



49.3714, 41.8232, 58.7556



34.3903, 41.8232, 25.9988



40.5615, 41.8232, 79.9797

Square

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



34.3903, 41.8232, 25.9988



32.1639, 41.8232, 63.6126



45.6432, 41.8232, 73.0133



48.4478, 41.8232, 31.2598

Rectangle

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



34.3903, 41.8232, 25.9988



30.7001, 41.8232, 42.9581



45.6432, 41.8232, 73.0133



50.4276, 41.8232, 48.2199

Sweetspot

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



34.3914, 41.8250, 25.9997



72.9577, 80.1482, 74.8996



33.5578, 32.8001, 24.3016



15.5850, 17.2386, 15.7086



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



34.3914, 41.8250, 25.9997



58.7374, 73.5746, 40.0205



29.5867, 39.3482, 25.7748



8.8467, 9.7260, 9.0636



15.5120, 24.9068, 3.9899



0.5527, 0.8170, 0.1286

Inverse Universe

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



28.1975, 24.6487, 46.9899



45.9873, 38.2062, 83.2453



33.8018, 27.5378, 47.2522



8.3675, 8.3980, 10.6863



7.8635, 3.3896, 30.3768



0.3145, 0.1412, 0.9589

Previews

White Background



This preview shows how the XYZ color 34.3903, 41.8232, 25.9988 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 34.3903, 41.8232, 25.9988 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

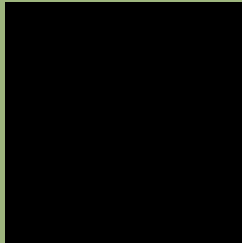
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 34.3903, 41.8232, 25.9988

Background



This preview shows how black text looks on a background with the XYZ color 34.3903, 41.8232, 25.9988.



This preview shows how white text looks on a background with the XYZ color 34.3903, 41.8232,

25.9988.

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

34.3903, 41.8232, 25.9988

Protanopia

38.7061, 41.7314, 24.4273

Deuteranopia

42.5005, 41.6948, 26.5768



Tritanopia

39.8496, 41.6905, 52.9605

Trichromacy



Original Color

34.3903, 41.8232, 25.9988

Protanomaly

37.0050, 41.7108, 24.8395

Deuteranomaly

38.9527, 41.2491, 26.3309

Tritanomaly

37.6267, 41.6598, 41.6553

Monochromacy



Original Color

34.3903, 41.8232, 25.9988

Achromatopsia

37.2190, 39.1572, 42.6422

Achromatomaly

36.0032, 40.0796, 35.9756

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.3903, 41.8232, 25.9988 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(158, 181, 126)` looks like.

```
.text, #text, p{  
    color:rgb(158, 181, 126)  
}
```

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(158, 181, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 181, 126) }
```

Border

The CSS property to change the border of an element to XYZ 34.3903, 41.8232, 25.9988 is called "border". The border property can be set on classes, ids or directly on the HTML element.

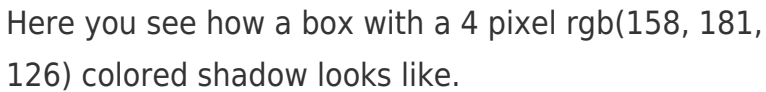
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(158, 181, 126) }
```


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

```
.border{ border-color:rgb(158, 181, 126) }
```

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



Here you see how a box with a 4 pixel `rgb(158, 181, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(158, 181, 126); -webkit-box-shadow:4px 4px 4px 4px rgb(158, 181, 126); box-shadow:4px 4px 4px 4px rgb(158, 181, 126) }
```

Background

The CSS property to change the background color of an element to XYZ 34.3903, 41.8232, 25.9988 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 181, 126) }
```

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

```
.background{ background-color: rgb(158,  
181, 126) }
```

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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