

Converting Colors

XYZ(36.3484, 43.2917, 34.5738)

Have a look what the booklet for
XYZ(36.3484, 43.2917, 34.5738)
contains.

XYZ(36.3793, 43.2742, 34.4523)	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(36.3793, 43.2742,
34.4523)**

Conversions

Conversions Part 1

Format	Color
Hex	9EB794
RGB	158, 183, 148
RGB Percent	62%, 72%, 58%
CMY	0.3804, 0.2823, 0.4196
CMYK	0.14, 0.00, 0.19, 0.28
HSL	103°, 20%, 65%
HSV	103°, 19%, 72%
XYZ	36.3793, 43.2742, 34.4523
YIQ	171.5350, -3.6650, -16.1850

Conversions

Conversions Part 2

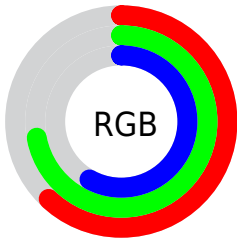
Format	Color
RYB	148, 183, 173
Decimal	10401684
CIELab	71.74, -15.16, 14.99
CIELCh	72, 21.323, 135.326
Yxy	43.2742, 0.3188, 0.3792
Android (android.graphics.Color)	4288591764 (0xFF9EB794)
YUV	171.5350, -11.6028, -11.8702
Hunter-Lab	65.7831, -16.4066, 14.9965

Details

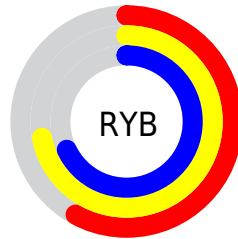
The XYZ color **36.3793, 43.2742, 34.4523** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **36.3725, 33.4842, 49.3481**, and the grayscale version is **39.0368, 41.0697, 44.7250**.

A 20% lighter version of the original color is **68.9677, 80.1434, 67.7114**, and **16.0842, 19.8925, 14.3012** is the 20% darker color. If you saturate the color by 10%, you get **32.6080, 41.4856, 27.3029**, and if you desaturate by 10%, it is **40.6556, 45.2992, 42.8226**.

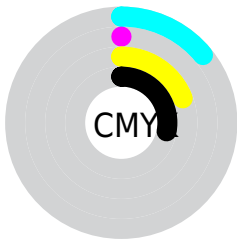
Distribution



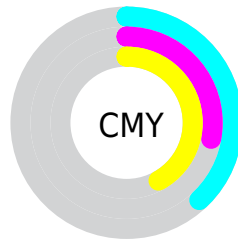
- Red (62%)
- Green (72%)
- Blue (58%)



- Red (58%)
- Yellow (72%)
- Blue (68%)



- Cyan (14%)
- Magenta (0%)
- Yellow (19%)
- Black (28%)





- Cyan (38%)
- Magenta (28%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 36.3793, 43.2742, 34.4523 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 36.3793, 43.2742, 34.4523 by changing the saturation by 10% instead.


 36.3793, 43.2742,
34.4523


 36.3793, 43.2742,
34.4523


322.0178,
359.7382, 336.9747

 24.8987, 30.1003,
22.9611


 68.9372, 80.1245,
67.7783

 16.1300, 19.9147,
14.3598


 90.7452, 104.5697,
90.4503

 9.7076, 12.3331,
8.2297


116.7264,
133.5407, 117.6862

 5.2663, 6.9709,
4.1524

147.2461,
167.4221, 149.9047

 2.4407, 3.4439,
1.7093

182.6698,
206.5981, 187.5242

 0.8654, 1.3677,
0.3671

223.3627,

 0.0000, 0.1927,

251.4532, 230.9633

0.0000

269.6903,
302.3718, 280.6407

■ 0.0000, 0.0000,
0.0000

■ 36.3793, 43.2742,
34.4523

■ 36.3793, 43.2742,
34.4523

■ 32.6080, 41.4856,
27.3029

■ 40.6556, 45.2992,
42.8226

■ 29.3189, 39.9192,
21.3147

■ 45.4515, 47.5631,
52.4642

■ 26.4926, 38.5674,
16.4272

■ 50.7855, 50.0757,
63.4281

■ 24.1070, 37.4204,
12.5730

■ 56.6739, 52.8444,
75.7616

■ 22.1381, 36.4675,
9.6779

■ 63.1325, 55.8763,
89.5097

■ 20.5591, 35.6966,
7.6571

■ 69.7214, 58.9964,
102.3205

■ 19.3398, 35.0943,
6.4117

■ 74.2329, 61.3221,
102.5316

■ 18.4335, 34.6405,
5.7606

■ 76.2244, 62.3487,
102.6248

■ 18.3649, 34.6062,
5.7117

Harmonies

Analogous

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



39.3193, 43.2742, 30.3963



36.3793, 43.2742, 34.4523



34.7612, 43.2742, 42.2490

Triad

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



36.3793, 43.2742, 34.4523



39.3935, 43.2742, 69.1403



48.2119, 43.2742, 42.0459

Complementary

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



36.3793, 43.2742, 34.4523



36.3725, 33.4842, 49.3481

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.



48.2347, 43.2742, 52.3479



36.3793, 43.2742, 34.4523



42.9971, 43.2742, 69.0646

Square

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



36.3793, 43.2742, 34.4523



36.4309, 43.2742, 62.7544



46.2791, 43.2742, 62.5607



46.2186, 43.2742, 34.3225

Rectangle

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



36.3793, 43.2742, 34.4523



34.5854, 43.2742, 48.9919



46.2791, 43.2742, 62.5607



48.4539, 43.2742, 45.2930

Sweetspot

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



36.3805, 43.2761, 34.4532



75.3103, 82.3073, 81.6738



39.7234, 41.9030, 34.0120



16.5140, 18.1226, 17.7998



88.6918, 93.3107, 101.6153



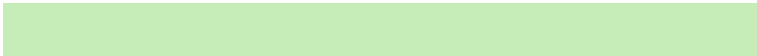
17.8044, 18.7317, 20.3988

Same Dimension

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



36.3805, 43.2761, 34.4532



62.1719, 76.0890, 55.9946



35.0639, 42.5314, 37.3726



9.1249, 10.1810, 9.5911



12.8706, 24.1714, 3.9872



0.5167, 0.8846, 0.1435

Inverse Universe

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



36.3725, 33.4842, 49.3481



62.1524, 55.2892, 87.6318



37.9564, 34.3828, 45.7122



9.1242, 9.0304, 11.3416



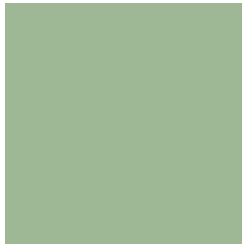
12.5327, 5.7720, 31.7066



0.4994, 0.2332, 1.1204

Previews

White Background



This preview shows how the XYZ color 36.3793, 43.2742, 34.4523 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 36.3793, 43.2742, 34.4523 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

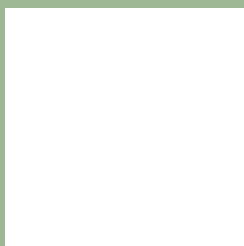
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 36.3793, 43.2742, 34.4523

Background



This preview shows how black text looks on a background with the XYZ color 36.3793, 43.2742, 34.4523.



This preview shows how white text looks on a background with the XYZ color 36.3793, 43.2742, 34.4523.

34.4523.

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

36.3793, 43.2742, 34.4523

Protanopia

40.6137, 43.1127, 32.5666

Deuteranopia

43.8613, 43.0278, 35.2716



Tritanopia

40.6432, 43.2052, 55.4875

Trichromacy



Original Color

36.3793, 43.2742, 34.4523

Protanomaly

38.9357, 43.1152, 33.0580

Deuteranomaly

40.6487, 42.7884, 34.9707

Tritanomaly

38.7583, 43.0167, 46.8177

Monochromacy



Original Color

36.3793, 43.2742, 34.4523

Achromatopsia

39.2122, 41.2543, 44.9259

Achromatomaly

38.0725, 41.9105, 40.7332

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.3793, 43.2742, 34.4523 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, 183, 148)` looks like.

```
.text, #text, p{  
    color:rgb(158, 183, 148)  
}
```

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, 183, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 183, 148) }
```

Border

The CSS property to change the border of an element to XYZ 36.3793, 43.2742, 34.4523 is called "border". The border property can be set on classes, ids or directly on the HTML element.

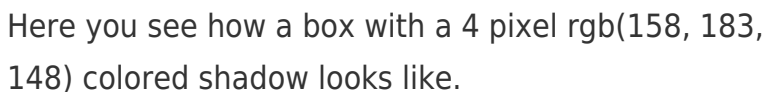
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(158, 183, 148) }
```


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

```
.border{ border-color:rgb(158, 183, 148) }
```

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



Here you see how a box with a 4 pixel `rgb(158, 183, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(158, 183, 148); -webkit-box-shadow:4px 4px 4px 4px rgb(158, 183, 148); box-shadow:4px 4px 4px 4px rgb(158, 183, 148) }
```

Background

The CSS property to change the background color of an element to XYZ 36.3793, 43.2742, 34.4523 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 183, 148) }
```

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

```
.background{ background-color: rgb(158,  
183, 148) }
```

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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