

Converting Colors

XYZ(34.0715, 34.2611, 24.6750)

Have a look what the booklet for
XYZ(34.0715, 34.2611, 24.6750)
contains.

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Color

**XYZ(34.1439, 34.3209,
24.5637)**

Conversions

Conversions Part 1

Format	Color
Hex	B49A7E
RGB	180, 154, 126
RGB Percent	71%, 60%, 49%
CMY	0.2941, 0.3961, 0.5059
CMYK	0.00, 0.14, 0.30, 0.29
HSL	31°, 26%, 60%
HSV	31°, 30%, 71%
XYZ	34.1439, 34.3209, 24.5637
YIQ	158.5820, 24.4840, -3.1960

Conversions

Conversions Part 2

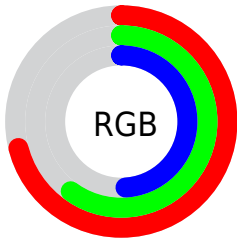
Format	Color
RYB	176, 180, 126
Decimal	11836030
CIELab	65.22, 5.37, 18.28
CIElCh	65, 19.048, 73.641
Yxy	34.3209, 0.3670, 0.3689
Android (android.graphics.Color)	4290026110 (0xFFB49A7E)
YUV	158.5820, -16.0629, 18.7836
Hunter-Lab	58.5840, 1.5111, 16.1491

Details

The XYZ color **34.1439, 34.3209, 24.5637** is a light color, and the websafe version is hex **999966**. A complement of this color would be **28.0703, 30.1864, 47.5272**, and the grayscale version is **32.8277, 34.5373, 37.6112**.

A 20% lighter version of the original color is **65.2846, 66.1993, 51.9847**, and **14.7940, 14.6719, 9.0734** is the 20% darker color. If you saturate the color by 10%, you get **31.7066, 31.1407, 18.5274**, and if you desaturate by 10%, it is **36.8953, 37.7943, 31.7366**.

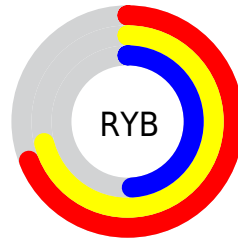
Distribution



Red (71%)

Green (60%)

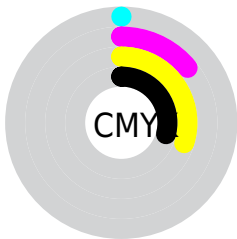
Blue (49%)



Red (69%)

Yellow (71%)

Blue (49%)

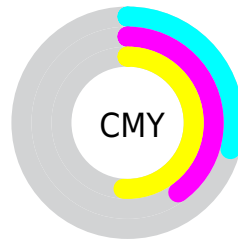


Cyan (0%)

Magenta (14%)

Yellow (30%)

Black (29%)



Cyan (29%)


Magenta (40%)


Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.1439, 34.3209, 24.5637 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 34.1439, 34.3209, 24.5637 by changing the saturation by 10% instead.


 34.1439, 34.3209,
24.5637


 34.1439, 34.3209,
24.5637

312.3479,
321.5606, 289.0359


 23.1676, 23.1402,
15.5362

 65.5002, 66.4324,
51.9038

 14.8387, 14.6971,
9.0458


 86.6109, 88.1320,
71.0536

 8.7918, 8.6071,
4.6738


 111.8304,
114.1067, 94.4145

 4.6617, 4.4858,
2.0018

141.5241,
144.7409, 122.4052

 2.0828, 1.9488,
0.5564

176.0573,
180.4190, 155.4441

 0.6799, 0.5775,
0.0000

215.7955,

 0.0000, 0.0000,

221.5254, 193.9499

0.0000

261.1039,
268.4444, 238.3409

■ 34.1439, 34.3209,
24.5637

■ 34.1439, 34.3209,
24.5637

■ 31.7066, 31.1407,
18.5274

■ 36.8953, 37.7943,
31.7366

■ 29.5673, 28.2403,
13.5657

■ 39.9705, 41.5647,
40.0992

■ 27.7125, 25.6118,
9.6141

■ 43.3822, 45.6415,
49.7040

■ 26.1261, 23.2452,
6.6000

■ 47.1415, 50.0323,
60.5995

■ 24.7903, 21.1294,
4.4410

■ 51.2589, 54.7444,
72.8318

■ 23.6842, 19.2522,
3.0401

■ 55.7444, 59.7850,
86.4446

■ 22.7673, 17.5931,
2.1959

■ 60.6078, 65.1606,
101.4796

■ 22.7673, 17.5930,
2.1958

■ 63.3477, 69.8738,
104.7560

■ 65.7270, 74.6325,
105.5491

Harmonies

Analogous

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



36.6283, 34.3209, 27.8021



34.1439, 34.3209, 24.5637



31.3812, 34.3209, 24.4224

Triad

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



34.1439, 34.3209, 24.5637



27.7151, 34.3209, 41.0827



36.4356, 34.3209, 49.5280

Complementary

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



34.1439, 34.3209, 24.5637



28.0703, 30.1864, 47.5272

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.



33.8930, 34.3209, 54.2350



34.1439, 34.3209, 24.5637



28.9172, 34.3209, 48.9132

Square

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



34.1439, 34.3209, 24.5637



27.7738, 34.3209, 33.2367



31.1440, 34.3209, 53.9954



38.0017, 34.3209, 41.8316

Rectangle

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



34.1439, 34.3209, 24.5637



29.7591, 34.3209, 26.0570



31.1440, 34.3209, 53.9954



35.6607, 34.3209, 51.5579

Sweetspot

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



34.1448, 34.3225, 24.5644



72.9739, 75.9687, 74.0920



31.9592, 26.8957, 33.2560



15.5895, 16.1985, 15.5076



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.



34.1448, 34.3225, 24.5644



58.9246, 58.3587, 37.0737



38.7008, 43.7446, 26.1429



8.8487, 9.2099, 8.9638



15.9578, 12.4141, 1.5551



0.5601, 0.5067, 0.0683

Inverse Universe

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



28.0703, 30.1864, 47.5272



46.1294, 49.6479, 85.4463



24.4370, 22.7218, 46.2779



8.3683, 8.8827, 10.7798



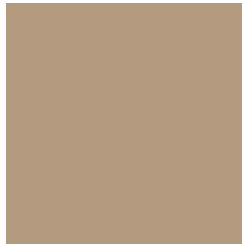
8.1756, 7.1516, 31.0865



0.3158, 0.3420, 0.9976

Previews

White Background



This preview shows how the XYZ color 34.1439, 34.3209, 24.5637 looks on a white background.

Color Contrast Check

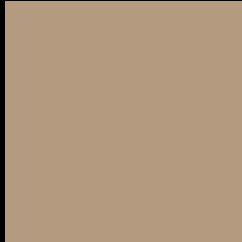
Large Text (above 18pt) WCAG AA × Fail

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 34.1439, 34.3209, 24.5637 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 34.1439, 34.3209, 24.5637

Background



This preview shows how black text looks on a background with the XYZ color 34.1439, 34.3209, 24.5637.



This preview shows how white text looks on a background with the XYZ color 34.1439, 34.3209,

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

34.1439, 34.3209, 24.5637

Protanopia

32.2716, 34.3371, 25.3489

Deuteranopia

35.0017, 34.2771, 24.5100



Tritanopia

36.9476, 34.2584, 38.3834

Trichromacy



Original Color

34.1439, 34.3209, 24.5637

Protanomaly

32.9010, 34.4169, 24.9877

Deuteranomaly

34.6856, 34.3561, 24.5419

Tritanomaly

35.9403, 34.3386, 32.7507

Monochromacy



Original Color

34.1439, 34.3209, 24.5637

Achromatopsia

32.9542, 34.6704, 37.7561

Achromatomaly

33.2598, 34.4360, 32.4976

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.1439, 34.3209, 24.5637 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(180, 154, 126)` looks like.

```
.text, #text, p{  
    color:rgb(180, 154, 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(180, 154, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 154, 126) }
```

Border

The CSS property to change the border of an element to XYZ 34.1439, 34.3209, 24.5637 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(180, 154, 126) }
```


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

```
.border{ border-color:rgb(180, 154, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 154, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 154, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 154, 126);  
box-shadow:4px 4px 4px 4px rgb(180, 154,  
126) }
```

Background

The CSS property to change the background color of an element to XYZ 34.1439, 34.3209, 24.5637 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 154, 126) }
```

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

```
.background{ background-color: rgb(180,  
154, 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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