

Converting Colors

XYZ(40.4689, 44.4957, 32.8451)

Have a look what the booklet for
XYZ(40.4689, 44.4957, 32.8451)
contains.

XYZ(40.4114, 44.4799, 32.8411)	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(40.4114, 44.4799,
32.8411)**

Conversions

Conversions Part 1

Format	Color
Hex	B5B490
RGB	181, 180, 144
RGB Percent	71%, 71%, 56%
CMY	0.2902, 0.2941, 0.4353
CMYK	0.00, 0.01, 0.20, 0.29
HSL	58°, 20%, 64%
HSV	58°, 20%, 71%
XYZ	40.4114, 44.4799, 32.8411
YIQ	176.1950, 12.1520, -10.9840

Conversions

Conversions Part 2

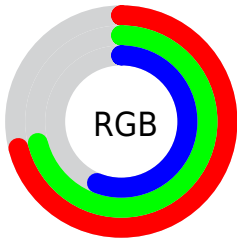
Format	Color
R_{YB}	145, 181, 144
Decimal	11908240
CIE _{Lab}	72.55, -5.70, 18.54
CIE _{LCh}	73, 19.398, 107.083
Yxy	44.4799, 0.3432, 0.3778
Android (android.graphics.Color)	4290098320 (0xFFB5B490)
YUV	176.1950, -15.8721, 4.2140
Hunter-Lab	66.6933, -8.5548, 17.4897

Details

The XYZ color **40.4114, 44.4799, 32.8411** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **29.9675, 29.5157, 47.8341**, and the grayscale version is **41.4453, 43.6037, 47.4845**.

A 20% lighter version of the original color is **75.1135, 82.0726, 65.3088**, and **18.4672, 20.5583, 13.3507** is the 20% darker color. If you saturate the color by 10%, you get **39.0397, 43.7756, 26.0973**, and if you desaturate by 10%, it is **42.0076, 45.2776, 40.7552**.

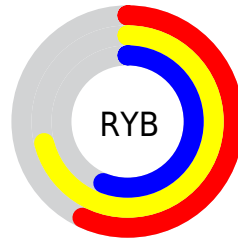
Distribution



Red (71%)

Green (71%)

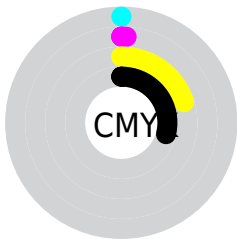
Blue (56%)



Red (57%)

Yellow (71%)

Blue (56%)

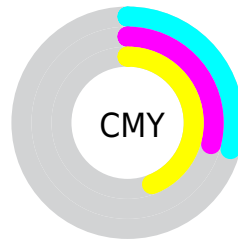


Cyan (0%)

Magenta (1%)

Yellow (20%)

Black (29%)



Cyan (29%)


Magenta (29%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 40.4114, 44.4799, 32.8411 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 40.4114, 44.4799, 32.8411 by changing the saturation by 10% instead.

 40.4114, 44.4799,
32.8411


 40.4114, 44.4799,
32.8411


338.9593,
364.6630, 329.5431

 28.0451, 31.0480,
21.7346


 75.0699, 81.9394,
65.2405

 18.5003, 20.6354,
13.4656


 98.0929, 106.7357,
87.3705

 11.4116, 12.8577,
7.6154

125.3987,
136.0890, 114.0122

 6.4137, 7.3307,
3.7657

157.3529,
170.3836, 145.5839

 3.1413, 3.6697,
1.4977

194.3206,
210.0039, 182.5044

 1.2289, 1.4906,
0.2162

236.6674,

 0.1290, 0.2821,

255.3343, 225.1920

0.0000

284.7585,
306.7592, 274.0654

■ 0.0000, 0.0000,
0.0000

■ 40.4114, 44.4799,
32.8411

■ 40.4114, 44.4799,
32.8411

■ 39.0397, 43.7756,
26.0973

■ 42.0076, 45.2776,
40.7552

■ 37.8785, 43.1545,
20.4652

■ 43.8347, 46.1666,
49.8885

■ 36.9176, 42.6141,
15.8859

■ 45.9030, 47.1528,
60.2908

■ 36.1444, 42.1494,
12.2935

■ 48.2214, 48.2395,
72.0080

■ 35.5450, 41.7547,
9.6150

■ 50.7982, 49.4301,
85.0841

■ 35.1037, 41.4238,
7.7669

■ 53.6412, 50.7278,
99.5606

■ 34.8017, 41.1492,
6.6511

■ 54.1256, 51.0826,
101.6149

■ 34.6066, 40.9246,
6.0753

■ 54.2266, 51.2845,
101.6486

■ 54.3279, 51.4872,
101.6824

Harmonies

Analogous

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



43.7342, 44.4799, 32.5738



40.4114, 44.4799, 32.8411



37.7297, 44.4799, 36.9165

Triad

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



40.4114, 44.4799, 32.8411



38.0376, 44.4799, 63.2477



48.8761, 44.4799, 52.6762

Complementary

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



40.4114, 44.4799, 32.8411



29.9675, 29.5157, 47.8341

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.



47.1754, 44.4799, 62.1208



40.4114, 44.4799, 32.8411



40.8522, 44.4799, 68.7452

Square

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



40.4114, 44.4799, 32.8411



36.4097, 44.4799, 54.0589



44.1988, 44.4799, 68.3074



48.7426, 44.4799, 43.2080

Rectangle

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



40.4114, 44.4799, 32.8411



36.6132, 44.4799, 41.5922



44.1988, 44.4799, 68.3074



48.4963, 44.4799, 55.9813

Sweetspot

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



40.4126, 44.4819, 32.8420



76.6026, 81.7609, 79.8186



34.1587, 31.8224, 31.2251



16.5121, 17.6498, 17.0296



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.



40.4126, 44.4819, 32.8420



71.1054, 79.0165, 52.5524



36.8133, 42.9260, 32.7314



9.1771, 9.8666, 9.0733



23.8655, 28.2295, 4.1910



0.7570, 0.9004, 0.1339

Inverse Universe

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



29.9675, 29.5157, 47.8341



48.6577, 46.8530, 84.7736



33.0660, 30.8881, 47.9357



8.0597, 8.2656, 10.6770



5.7945, 2.3893, 30.2928



0.1884, 0.0873, 0.9552

Previews

White Background



This preview shows how the XYZ color 40.4114, 44.4799, 32.8411 looks on a white background.

Color Contrast Check

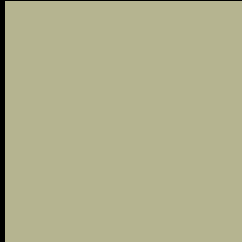
Large Text (above 18pt) WCAG AA × Fail

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 40.4114, 44.4799, 32.8411 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

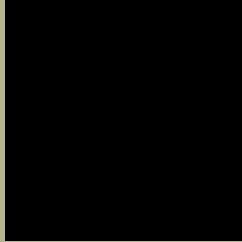
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

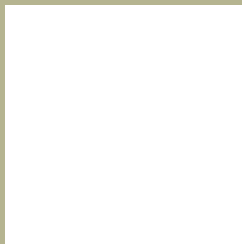
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 40.4114, 44.4799, 32.8411

Background



This preview shows how black text looks on a background with the XYZ color 40.4114, 44.4799, 32.8411.



This preview shows how white text looks on a background with the XYZ color 40.4114, 44.4799,

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

40.4114, 44.4799, 32.8411

Protanopia

41.8646, 44.6428, 32.3970

Deuteranopia

45.2048, 44.3230, 33.3668



Tritanopia

44.7067, 44.4677, 53.8038

Trichromacy



Original Color

40.4114, 44.4799, 32.8411

Protanomaly

41.3277, 44.6625, 32.4291

Deuteranomaly

43.2728, 44.1868, 33.0362

Tritanomaly

42.9793, 44.3435, 45.3236

Monochromacy



Original Color

40.4114, 44.4799, 32.8411

Achromatopsia

41.2663, 43.4154, 47.2793

Achromatomaly

40.7831, 43.5896, 41.3861

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.4114, 44.4799, 32.8411 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(181, 180, 144)` looks like.

```
.text, #text, p{  
    color:rgb(181, 180, 144)  
}
```

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(181, 180, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 180, 144) }
```

Border

The CSS property to change the border of an element to XYZ 40.4114, 44.4799, 32.8411 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(181, 180, 144) }
```


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

```
.border{ border-color:rgb(181, 180, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 180, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 180, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 180, 144);  
box-shadow:4px 4px 4px 4px rgb(181, 180,  
144) }
```

Background

The CSS property to change the background color of an element to XYZ 40.4114, 44.4799, 32.8411 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 180, 144) }
```

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

```
.background{ background-color: rgb(181,  
180, 144) }
```

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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