

Converting Colors

XYZ(41.2643, 39.6458, 31.5468)

Have a look what the booklet for
XYZ(41.2643, 39.6458, 31.5468)
contains.

XYZ(41.2560, 39.6150, 31.4586)	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(41.2560, 39.6150,
31.4586)**

Conversions

Conversions Part 1

Format	Color
Hex	C7A18F
RGB	199, 161, 143
RGB Percent	78%, 63%, 56%
CMY	0.2196, 0.3686, 0.4392
CMYK	0.00, 0.19, 0.28, 0.22
HSL	19°, 33%, 67%
HSV	19°, 28%, 78%
XYZ	41.2560, 39.6150, 31.4586
YIQ	170.3100, 28.4260, 2.4580

Conversions

Conversions Part 2

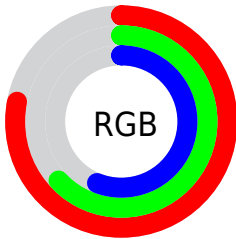
Format	Color
R_{YB}	199, 170, 143
Decimal	13083023
CIE _{Lab}	69.19, 11.36, 14.67
CIE _{LCh}	69, 18.553, 52.249
Yxy	39.6150, 0.3673, 0.3527
Android (android.graphics.Color)	4291273103 (0xFFC7A18F)
YUV	170.3100, -13.4638, 25.1611
Hunter-Lab	62.9404, 6.8568, 14.4243

Details

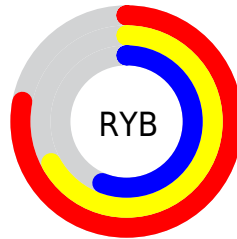
The XYZ color **41.2560, 39.6150, 31.4586** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **38.1600, 43.0097, 60.3235**, and the grayscale version is **38.4192, 40.4200, 44.0174**.

A 20% lighter version of the original color is **75.8739, 74.4030, 63.1855**, and **18.9460, 17.6569, 12.7655** is the 20% darker color. If you saturate the color by 10%, you get **37.6469, 34.5989, 23.4662**, and if you desaturate by 10%, it is **45.3895, 45.2514, 40.9461**.

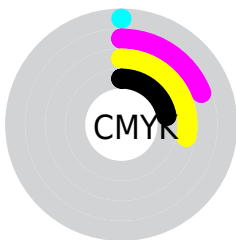
Distribution



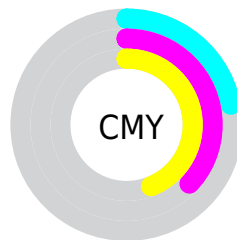
- Red (78%)
- Green (63%)
- Blue (56%)



- Red (78%)
- Yellow (67%)
- Blue (56%)



- Cyan (0%)
- Magenta (19%)
- Yellow (28%)
- Black (22%)




- Cyan (22%)
- Magenta (37%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.2560, 39.6150, 31.4586 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 41.2560, 39.6150, 31.4586 by changing the saturation by 10% instead.


 41.2560, 39.6150,
31.4586


 41.2560, 39.6150,
31.4586


342.4338,
344.4982, 323.0619

 28.7077, 27.2385,
20.6869


 76.3446, 74.5769,
63.0494

 19.0030, 17.7524,
12.7063


 99.6157, 97.9311,
84.7056

 11.7765, 10.7724,
7.0983


127.1917,
125.7133, 110.8270

 6.6628, 5.9140,
3.4443

159.4380,
158.3078, 141.8323

 3.2965, 2.7929,
1.3257

196.7201,
196.0992, 178.1398

 1.3125, 1.0246,
0.0827

239.4031,

 0.1925, 0.0000,

239.4718, 220.1683

0.0000

287.8526,
288.8100, 268.3361

■ 0.0000, 0.0000,
0.0000

■ 41.2560, 39.6150,
31.4586

■ 41.2560, 39.6150,
31.4586

■ 37.6469, 34.5989,
23.4662

■ 45.3895, 45.2514,
40.9461

■ 34.5368, 30.1758,
16.8892

■ 50.0651, 51.5232,
51.9976

■ 31.9028, 26.3245,
11.6444

■ 55.3033, 58.4519,
64.6810

■ 29.7190, 23.0201,
7.6386

■ 61.1228, 66.0563,
79.0592

■ 27.9564, 20.2360,
4.7665

■ 67.5413, 74.3542,
95.1918

■ 26.5821, 17.9426,
2.9048

■ 73.3608, 82.8772,
106.7381

■ 25.5505, 16.1042,
1.8680

■ 77.3633, 90.8822,
108.0723

■ 25.3855, 15.8065,
1.7130

Harmonies

Analogous

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



43.1857, 39.6150, 37.2368



41.2560, 39.6150, 31.4586



38.4278, 39.6150, 28.8814

Triad

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



41.2560, 39.6150, 31.4586



32.2764, 39.6150, 40.9671



39.8553, 39.6150, 60.0986

Complementary

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



41.2560, 39.6150, 31.4586



38.1600, 43.0097, 60.3235

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.



36.8884, 39.6150, 61.4402



41.2560, 39.6150, 31.4586



32.6140, 39.6150, 49.6231

Square

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



41.2560, 39.6150, 31.4586



33.3184, 39.6150, 33.8814



34.2659, 39.6150, 57.3906



42.3479, 39.6150, 53.9341

Rectangle

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



41.2560, 39.6150, 31.4586



36.4550, 39.6150, 29.0522



34.2659, 39.6150, 57.3906



38.8767, 39.6150, 61.1587

Sweetspot

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



41.2570, 39.6168, 31.4594



87.6799, 90.2396, 91.0914



41.7439, 35.1346, 48.4415



18.4861, 18.9403, 18.8259



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



41.2570, 39.6168, 31.4594



68.1151, 63.6567, 45.8894



46.6517, 50.4062, 33.2576



10.9076, 11.1844, 11.1467



16.3943, 10.3057, 1.1251



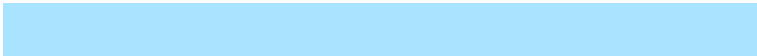
0.8424, 0.6201, 0.0753

Inverse Universe

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



38.1600, 43.0097, 60.3235



61.7660, 70.5849, 104.9766



33.0719, 32.8335, 58.6275



10.6481, 11.4703, 13.5703



12.2840, 13.9619, 36.7918



0.6451, 0.7880, 1.7632

Previews

White Background



This preview shows how the XYZ color 41.2560, 39.6150, 31.4586 looks on a white background.

Color Contrast Check

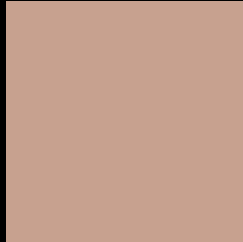
Large Text (above 18pt) WCAG AA × Fail

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 41.2560, 39.6150, 31.4586 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

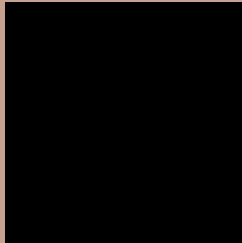
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.2560, 39.6150, 31.4586

Background



This preview shows how black text looks on a background with the XYZ color 41.2560, 39.6150, 31.4586.



This preview shows how white text looks on a background with the XYZ color 41.2560, 39.6150,

31.4586.

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

41.2560, 39.6150, 31.4586

Protanopia

37.5859, 39.8296, 33.3107

Deuteranopia

40.5608, 39.7797, 31.5271



Tritanopia

43.5755, 39.5351, 42.8705

Trichromacy



Original Color

41.2560, 39.6150, 31.4586

Protanomaly

38.8321, 39.6620, 32.8030

Deuteranomaly

40.6432, 39.5596, 31.4802

Tritanomaly

42.6594, 39.4093, 38.6161

Monochromacy



Original Color

41.2560, 39.6150, 31.4586

Achromatopsia

38.2080, 40.1978, 43.7754

Achromatomaly

39.2199, 39.9993, 38.9112

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.2560, 39.6150, 31.4586 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(199, 161, 143)` looks like.

```
.text, #text, p{  
    color:rgb(199, 161, 143)  
}
```

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(199, 161, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 161, 143) }
```

Border

The CSS property to change the border of an element to XYZ 41.2560, 39.6150, 31.4586 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(199, 161, 143) }
```


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

```
.border{ border-color:rgb(199, 161, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 161, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 161, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 161, 143);  
box-shadow:4px 4px 4px 4px rgb(199, 161,  
143) }
```

Background

The CSS property to change the background color of an element to XYZ 41.2560, 39.6150, 31.4586 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 161, 143) }
```

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

```
.background{ background-color: rgb(199,  
161, 143) }
```

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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