

Converting Colors

XYZ(49.5064, 52.5526, 43.9894)

Have a look what the booklet for
XYZ(49.5064, 52.5526, 43.9894)
contains.

XYZ(49.6441, 52.7687, 44.1281)	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(49.6441, 52.7687,
44.1281)**

Conversions

Conversions Part 1

Format	Color
Hex	C8C0A7
RGB	200, 192, 167
RGB Percent	78%, 75%, 65%
CMY	0.2157, 0.2470, 0.3451
CMYK	0.00, 0.04, 0.16, 0.22
HSL	45°, 23%, 72%
HSV	45°, 16%, 78%
XYZ	49.6441, 52.7687, 44.1281
YIQ	191.5420, 12.7930, -6.0790

Conversions

Conversions Part 2

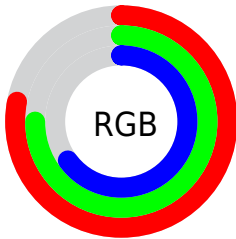
Format	Color
RYB	178, 200, 167
Decimal	13156519
CIELab	77.74, -1.38, 13.61
CIELCh	78, 13.680, 95.776
Yxy	52.7687, 0.3388, 0.3601
Android (android.graphics.Color)	4291346599 (0xFFC8C0A7)
YUV	191.5420, -12.0992, 7.4177
Hunter-Lab	72.6421, -5.1355, 14.8324

Details

The XYZ color **49.6441, 52.7687, 44.1281** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **41.6914, 43.0446, 60.7549**, and the grayscale version is **49.9002, 52.4989, 57.1713**.

A 20% lighter version of the original color is **87.9922, 93.6687, 82.5494**, and **24.1812, 25.8140, 19.9278** is the 20% darker color. If you saturate the color by 10%, you get **46.8903, 49.9943, 34.7829**, and if you desaturate by 10%, it is **52.7218, 55.7322, 54.9933**.

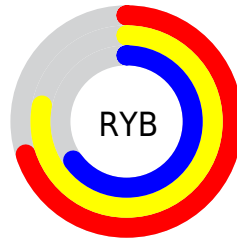
Distribution



Red (78%)

Green (75%)

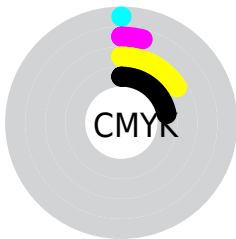
Blue (65%)



Red (70%)

Yellow (78%)

Blue (65%)

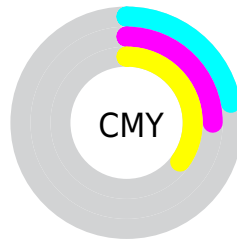


Cyan (0%)

Magenta (4%)

Yellow (16%)

Black (22%)



Cyan (22%)

Magenta (25%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 49.6441, 52.7687, 44.1281 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 49.6441, 52.7687, 44.1281 by changing the saturation by 10% instead.

■ 49.6441, 52.7687,
44.1281

■ 49.6441, 52.7687,
44.1281

375.7476,
397.3971, 379.2874

■ 35.3473, 37.6182,
30.4333

■ 88.8423, 94.2639,
82.7150

■ 24.0983, 25.6865,
19.9129

■ 114.4745,
121.3774, 108.4442

■ 15.5317, 16.5892,
12.1483

144.6158,
153.2473, 139.0219

■ 9.2821, 9.9421,
6.7210

179.6317,
190.2580, 174.8667

■ 4.9842, 5.3606,
3.2124

219.8874,
232.7940, 216.3971

■ 2.2727, 2.4603,
1.2041

265.7484,

■ 0.7806, 0.8567,

281.2395, 264.0316

0.0000

317.5800,
335.9791, 318.1889

■ 0.0000, 0.0000,
0.0000

■ 49.6441, 52.7687,
44.1281

■ 49.6441, 52.7687,
44.1281

■ 46.8903, 49.9943,
34.7829

■ 52.7218, 55.7322,
54.9933

■ 44.4426, 47.3962,
26.8852

■ 56.1317, 58.8834,
67.4397

■ 42.2881, 44.9703,
20.3616

■ 59.8871, 62.2299,
81.5295

■ 40.4111, 42.7099,
15.1311

■ 63.9992, 65.7767,
97.3202

■ 38.7940, 40.6073,
11.1037

■ 66.4855, 68.7313,
104.3700

■ 37.4175, 38.6543,
8.1784

■ 67.7472, 71.2547,
104.7906

■ 36.2586, 36.8411,
6.2370

■ 69.0458, 73.8519,
105.2235

■ 35.2882, 35.1554,
5.1268

■ 70.3816, 76.5236,
105.6688

■ 34.9736, 34.5876,
4.8328

■ 71.7550, 79.2704,
106.1266

Harmonies

Analogous

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



52.2745, 52.7687, 45.1512



49.6441, 52.7687, 44.1281



47.2353, 52.7687, 46.4132

Triad

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



49.6441, 52.7687, 44.1281



46.1343, 52.7687, 66.4150



54.9459, 52.7687, 63.6529

Complementary

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



49.6441, 52.7687, 44.1281



41.6914, 43.0446, 60.7549

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.



53.1928, 52.7687, 70.1249



49.6441, 52.7687, 44.1281



48.0937, 52.7687, 71.8153

Square

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



49.6441, 52.7687, 44.1281



45.2552, 52.7687, 58.9371



50.6695, 52.7687, 73.2292



55.3964, 52.7687, 56.0002

Rectangle

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



49.6441, 52.7687, 44.1281



46.0595, 52.7687, 49.6346



50.6695, 52.7687, 73.2292



54.4865, 52.7687, 66.0590

Sweetspot

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



49.6455, 52.7710, 44.1292



92.0870, 97.2506, 98.1191



45.4011, 43.0225, 46.5982



19.6238, 20.7344, 20.6895



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.



49.6455, 52.7710, 44.1292



84.0830, 89.5074, 69.9718



49.3048, 55.2728, 44.6301



11.2978, 11.9647, 11.2767



22.3101, 22.1374, 3.0971



1.1102, 1.1559, 0.1646

Inverse Universe

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



41.6914, 43.0446, 60.7549



67.5992, 69.3521, 104.4312



41.9801, 40.9512, 60.3357



10.2619, 10.6979, 13.4415



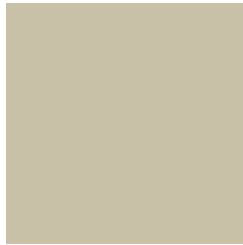
7.3722, 4.1384, 35.1546



0.4078, 0.3133, 1.6841

Previews

White Background



This preview shows how the XYZ color 49.6441, 52.7687, 44.1281 looks on a white background.

Color Contrast Check

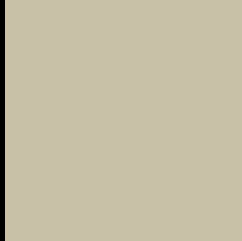
Large Text (above 18pt) WCAG AA × Fail

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 49.6441, 52.7687, 44.1281 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

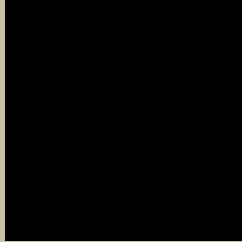
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 49.6441, 52.7687, 44.1281

Background



This preview shows how black text looks on a background with the XYZ color 49.6441, 52.7687, 44.1281.



This preview shows how white text looks on a background with the XYZ color 49.6441, 52.7687,

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

49.6441, 52.7687, 44.1281

Protanopia

49.9121, 52.9068, 44.1406

Deuteranopia

53.6303, 52.5851, 44.3691



Tritanopia

53.6078, 52.7841, 63.2400

Trichromacy



Original Color

49.6441, 52.7687, 44.1281

Protanomaly

49.9121, 52.9068, 44.1406

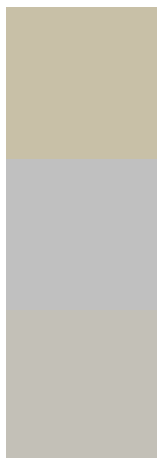
Deuteranomaly

52.2025, 52.7906, 44.4840

Tritanomaly

52.0115, 52.7658, 55.5876

Monochromacy



Original Color

49.6441, 52.7687, 44.1281

Achromatopsia

50.1023, 52.7115, 57.4028

Achromatomaly

49.9026, 52.7203, 52.3456

CSS Examples

Text

The CSS property to change the color of the text to XYZ 49.6441, 52.7687, 44.1281 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(200, 192, 167)` looks like.

```
.text, #text, p{  
    color:rgb(200, 192, 167)  
}
```

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(200, 192, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 192, 167) }
```

Border

The CSS property to change the border of an element to XYZ 49.6441, 52.7687, 44.1281 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(200, 192, 167) }
```


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

```
.border{ border-color:rgb(200, 192, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 192, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 192, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 192, 167);  
box-shadow:4px 4px 4px 4px rgb(200, 192,  
167) }
```

Background

The CSS property to change the background color of an element to XYZ 49.6441, 52.7687, 44.1281 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 192, 167) }
```

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

```
.background{ background-color: rgb(200,  
192, 167) }
```

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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