

Converting Colors

XYZ(43.3557, 41.2733, 41.2788)

Have a look what the booklet for
XYZ(43.3557, 41.2733, 41.2788)
contains.

XYZ(43.3557, 41.2733, 41.2788)	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(43.3557, 41.2733,
41.2788)**

Conversions

Conversions Part 1

Format	Color
Hex	C6A4A5
RGB	198, 164, 165
RGB Percent	78%, 64%, 65%
CMY	0.2235, 0.3568, 0.3529
CMYK	0.00, 0.17, 0.17, 0.22
HSL	358°, 23%, 71%
HSV	358°, 17%, 78%
XYZ	43.3557, 41.2733, 41.2788
YIQ	174.2800, 19.9430, 7.5190

Conversions

Conversions Part 2

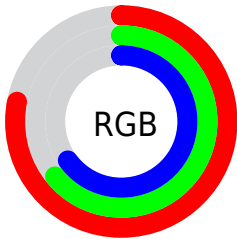
Format	Color
RYB	198, 164, 165
Decimal	13018277
CIELab	70.37, 12.62, 4.16
CIELCh	70, 13.288, 18.236
Yxy	41.2733, 0.3443, 0.3278
Android (android.graphics.Color)	4291208357 (0xFFC6A4A5)
YUV	174.2800, -4.5750, 20.8024
Hunter-Lab	64.2443, 8.0344, 6.8755

Details

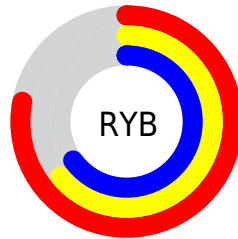
The XYZ color **43.3557, 41.2733, 41.2788** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **45.5836, 52.3129, 60.5207**, and the grayscale version is **40.3926, 42.4962, 46.2783**.

A 20% lighter version of the original color is **79.4898, 77.0903, 78.4005**, and **20.2764, 18.7099, 18.1655** is the 20% darker color. If you saturate the color by 10%, you get **38.4645, 34.0830, 31.6565**, and if you desaturate by 10%, it is **49.0638, 49.6758, 52.4714**.

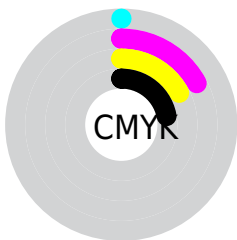
Distribution



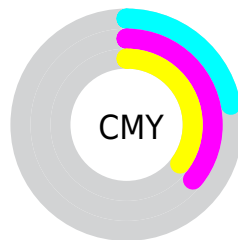
- Red (78%)
- Green (64%)
- Blue (65%)



- Red (78%)
- Yellow (64%)
- Blue (65%)



- Cyan (0%)
- Magenta (17%)
- Yellow (17%)
- Black (22%)




- Cyan (22%)
- Magenta (36%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.3557, 41.2733, 41.2788 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 43.3557, 41.2733, 41.2788 by changing the saturation by 10% instead.


 43.3557, 41.2733,
41.2788


 43.3557, 41.2733,
41.2788


350.9693,
351.4616, 367.1956

 30.3600, 28.5327,
28.2157


 79.4997, 77.0986,
78.3652

 20.2615, 18.7276,
18.2478


 103.3788,
100.9521, 103.2255

 12.6946, 11.4736,
10.9568

131.6164,
129.2787, 132.8554

 7.2941, 6.3863,
5.9240

164.5778,
162.4627, 167.6732

 3.6947, 3.0814,
2.7309

202.6285,
200.8886, 208.0976

 1.5309, 1.1744,
0.9589

246.1337,

 0.3467, 0.0406,

244.9408, 254.5471

0.0000

295.4589,
295.0037, 307.4403

■ 0.0000, 0.0000,
0.0000

■ 43.3557, 41.2733,
41.2788

■ 43.3557, 41.2733,
41.2788

■ 38.4645, 34.0830,
31.6565

■ 49.0638, 49.6758,
52.4714

■ 34.3496, 28.0437,
23.5318

■ 55.6201, 59.3369,
65.2973

■ 30.9722, 23.0974,
16.8303

■ 63.0584, 70.3073,
79.8194

■ 28.2885, 19.1787,
11.4700

■ 71.4099, 82.6335,
96.0962

■ 26.2506, 16.2154,
7.3607

■ 77.0989, 90.7459,
108.0599

■ 24.8040, 14.1258,
4.4011

■ 23.8855, 12.8147,
2.4741

■ 23.4115, 12.1522,
1.4357

■ 23.3207, 12.0186,
1.2573

Harmonies

Analogous

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



43.4871, 41.2733, 47.4373



43.3557, 41.2733, 41.2788



42.0941, 41.2733, 36.5498

Triad

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



43.3557, 41.2733, 41.2788



36.1783, 41.2733, 37.3931



38.3788, 41.2733, 57.7769

Complementary

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



43.3557, 41.2733, 41.2788



45.5836, 52.3129, 60.5207

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.



36.4970, 41.2733, 54.5241



43.3557, 41.2733, 41.2788



35.2584, 41.2733, 42.5312

Square

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



43.3557, 41.2733, 41.2788



37.9290, 41.2733, 34.4540



35.3729, 41.2733, 48.8107



40.5584, 41.2733, 57.3621

Rectangle

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



43.3557, 41.2733, 41.2788



40.8073, 41.2733, 34.6666



35.3729, 41.2733, 48.8107



37.6920, 41.2733, 57.0646

Sweetspot

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



43.3568, 41.2752, 41.2797



89.1875, 91.3615, 97.4302



46.4607, 42.4823, 59.1776



18.9202, 19.3053, 20.5220



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.



43.3568, 41.2752, 41.2797



73.0135, 67.5561, 65.7036



46.2851, 47.2762, 41.8100



10.6463, 10.6419, 11.1205



15.1715, 7.8181, 0.8468



0.7229, 0.3720, 0.0637

Inverse Universe

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



43.3568, 41.2752, 41.2797



73.0135, 67.5561, 65.7036



42.2598, 45.4819, 59.9780



10.6463, 10.6419, 11.1205



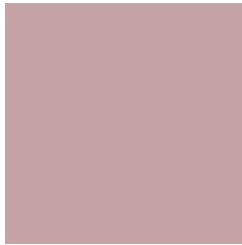
15.1715, 7.8181, 0.8468



0.7229, 0.3720, 0.0637

Previews

White Background



This preview shows how the XYZ color 43.3557, 41.2733, 41.2788 looks on a white background.

Color Contrast Check

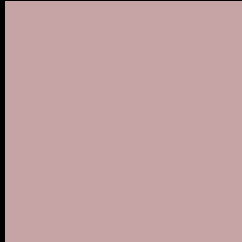
Large Text (above 18pt) WCAG AA × Fail

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 43.3557, 41.2733, 41.2788 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

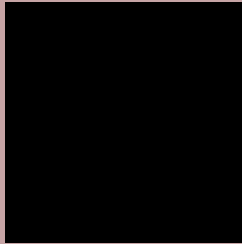
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.3557, 41.2733, 41.2788

Background



This preview shows how black text looks on a background with the XYZ color 43.3557, 41.2733, 41.2788.



This preview shows how white text looks on a background with the XYZ color 43.3557, 41.2733,

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

43.3557, 41.2733, 41.2788

Protanopia

39.6288, 41.2205, 43.4038

Deuteranopia

42.1660, 41.1955, 41.3265



Tritanopia

44.2114, 41.0779, 46.1561

Trichromacy



Original Color

43.3557, 41.2733, 41.2788

Protanomaly

40.8377, 41.0228, 42.8116

Deuteranomaly

42.4948, 41.0962, 41.2900

Tritanomaly

44.0011, 41.2768, 44.1762

Monochromacy



Original Color

43.3557, 41.2733, 41.2788

Achromatopsia

40.2316, 42.3268, 46.0938

Achromatomaly

41.2539, 41.7570, 44.4137

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.3557, 41.2733, 41.2788 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(198, 164, 165) looks like.

```
.text, #text, p{  
    color:rgb(198, 164, 165)  
}
```

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(198, 164, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 164, 165) }
```

Border

The CSS property to change the border of an element to XYZ 43.3557, 41.2733, 41.2788 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(198, 164, 165) }
```


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

```
.border{ border-color:rgb(198, 164, 165) }
```

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

Here you see how a box with a 4 pixel rgb(198, 164, 165) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 164, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 164, 165);  
box-shadow:4px 4px 4px 4px rgb(198, 164,  
165) }
```

Background

The CSS property to change the background color of an element to XYZ 43.3557, 41.2733, 41.2788 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 164, 165) }
```

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

```
.background{ background-color: rgb(198,  
164, 165) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor