

Converting Colors

XYZ(43.4884, 42.4435, 28.0894)

Have a look what the booklet for
XYZ(43.4884, 42.4435, 28.0894)
contains.

XYZ(43.5060, 42.4527, 28.0915)	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(43.5060, 42.4527,
28.0915)**

Conversions

Conversions Part 1

Format	Color
Hex	CEA785
RGB	206, 167, 133
RGB Percent	81%, 65%, 52%
CMY	0.1922, 0.3451, 0.4784
CMYK	0.00, 0.19, 0.35, 0.19
HSL	28°, 43%, 66%
HSV	28°, 35%, 81%
XYZ	43.5060, 42.4527, 28.0915
YIQ	174.7850, 34.1580, -2.3060

Conversions

Conversions Part 2

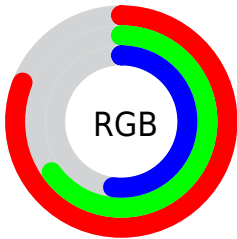
Format	Color
R _Y B	206, 197, 133
Decimal	13543301
CIE Lab	71.18, 9.55, 22.99
CIE LCh	71, 24.898, 67.439
Yxy	42.4527, 0.3815, 0.3722
Android (android.graphics.Color)	4291733381 (0xFFCEA785)
YUV	174.7850, -20.6000, 27.3756
Hunter-Lab	65.1557, 5.1661, 20.0465

Details

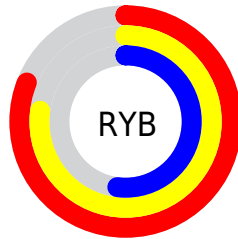
The XYZ color **43.5060, 42.4527, 28.0915** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **35.5656, 38.9467, 64.0356**, and the grayscale version is **40.7281, 42.8491, 46.6627**.

A 20% lighter version of the original color is **76.2242, 77.0477, 57.3086**, and **20.2697, 19.3700, 10.8541** is the 20% darker color. If you saturate the color by 10%, you get **40.2893, 38.0779, 20.6730**, and if you desaturate by 10%, it is **47.1756, 47.2863, 37.0389**.

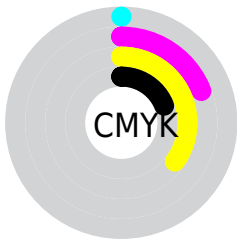
Distribution



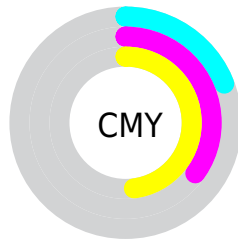
- Red (81%)
- Green (65%)
- Blue (52%)



- Red (81%)
- Yellow (77%)
- Blue (52%)



- Cyan (0%)
- Magenta (19%)
- Yellow (35%)
- Black (19%)





- Cyan (19%)
- Magenta (35%)
- Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.5060, 42.4527, 28.0915 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 43.5060, 42.4527, 28.0915 by changing the saturation by 10% instead.


 43.5060, 42.4527,
28.0915

 43.5060, 42.4527,
28.0915


351.5749,
356.3561, 306.8296


 30.4786, 29.4559,
18.1550


 79.7248, 78.8843,
57.6554

 20.3520, 19.4260,
10.8907


 103.6470,
103.0879, 78.1198

 12.7609, 11.9785,
5.8802

 131.9314,
131.7960, 102.9306

 7.3400, 6.7290,
2.7047

164.9434,
165.3928, 132.5064

 3.7238, 3.2932,
0.9458

203.0484,
204.2629, 167.2656

 1.5471, 1.2867,
0.0000

246.6118,

 0.3576, 0.1308,

248.7905, 207.6269

0.0000

295.9988,
299.3601, 254.0087

0.0000, 0.0000,
0.0000

43.5060, 42.4527,
28.0915

43.5060, 42.4527,
28.0915

40.2893, 38.0779,
20.6730

47.1756, 47.2863,
37.0389

37.5017, 34.1409,
14.6931

51.3139, 52.5868,
47.5933

35.1215, 30.6274,
10.0558


55.9400, 58.3699,
59.8304


33.1239, 27.5203,
6.6522


61.0709, 64.6485,
73.8205


31.4804, 24.8003,
4.3561

66.7226, 71.4348,
89.6298

 30.1569, 22.4458,
3.0130

 72.6513, 78.6372,
105.9571

 29.6327, 21.4798,
2.5842

 75.8650, 85.0644,
107.0283

 79.2637, 91.8618,
108.1612

Harmonies

Analogous

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



47.0589, 42.4527, 33.6193



43.5060, 42.4527, 28.0915



39.3205, 42.4527, 26.9839

Triad

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



43.5060, 42.4527, 28.0915



32.9084, 42.4527, 49.2618



45.4246, 42.4527, 66.9651

Complementary

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



43.5060, 42.4527, 28.0915



35.5656, 38.9467, 64.0356

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.



41.3973, 42.4527, 72.9452



43.5060, 42.4527, 28.0915



34.3111, 42.4527, 61.6403

Square

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



43.5060, 42.4527, 28.0915



33.3875, 42.4527, 37.9594



37.3505, 42.4527, 70.8451



48.2188, 42.4527, 55.6083

Rectangle

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



43.5060, 42.4527, 28.0915



36.7660, 42.4527, 28.6884



37.3505, 42.4527, 70.8451



44.1597, 42.4527, 69.7526

Sweetspot

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



43.5071, 42.4547, 28.0924



86.2630, 89.1329, 85.2947



41.3988, 32.9203, 43.7840



18.2469, 18.8061, 17.6855



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.



43.5071, 42.4547, 28.0924



66.2141, 62.9876, 35.5977



50.8902, 57.2210, 30.5534



11.6359, 12.0607, 11.7941



18.3420, 13.4169, 1.6230



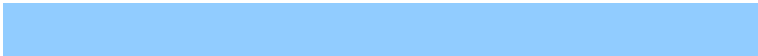
1.0219, 0.8436, 0.1090

Inverse Universe

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



35.5656, 38.9467, 64.0356



51.3636, 56.4211, 102.7909



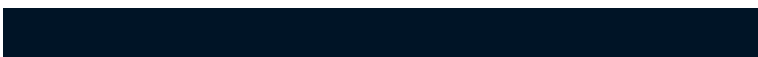
29.7099, 27.2353, 62.0837



11.0897, 11.8198, 14.2673



10.3944, 9.8127, 37.3025



0.6118, 0.6573, 1.9496

Previews

White Background



This preview shows how the XYZ color 43.5060, 42.4527, 28.0915 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 43.5060, 42.4527, 28.0915 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 43.5060, 42.4527, 28.0915

Background



This preview shows how black text looks on a background with the XYZ color 43.5060, 42.4527, 28.0915.



This preview shows how white text looks on a background with the XYZ color 43.5060, 42.4527,

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

43.5060, 42.4527, 28.0915

Protanopia

39.8297, 42.4888, 29.3945

Deuteranopia

43.2292, 42.3100, 28.0785



Tritanopia

46.9632, 42.2474, 45.7237

Trichromacy



Original Color

43.5060, 42.4527, 28.0915

Protanomaly

40.9284, 42.2125, 28.9123

Deuteranomaly

43.2292, 42.3100, 28.0785

Tritanomaly

45.6497, 42.2529, 38.5505

Monochromacy



Original Color

43.5060, 42.4527, 28.0915

Achromatopsia

40.7470, 42.8690, 46.6844

Achromatomaly

41.3474, 42.4822, 39.2784

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.5060, 42.4527, 28.0915 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(206, 167, 133)` looks like.

```
.text, #text, p{  
    color:rgb(206, 167, 133)  
}
```

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(206, 167, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 167, 133) }
```

Border

The CSS property to change the border of an element to XYZ 43.5060, 42.4527, 28.0915 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(206, 167, 133) }
```


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

```
.border{ border-color:rgb(206, 167, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 167, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 167, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 167, 133);  
box-shadow:4px 4px 4px 4px rgb(206, 167,  
133) }
```

Background

The CSS property to change the background color of an element to XYZ 43.5060, 42.4527, 28.0915 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 167, 133) }
```

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

```
.background{ background-color: rgb(206,  
167, 133) }
```

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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