

Converting Colors

XYZ(43.4570, 35.3775, 27.6544)

Have a look what the booklet for
XYZ(43.4570, 35.3775, 27.6544)
contains.

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Color

**XYZ(43.3512, 35.3267,
27.8264)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | DD8A88 |
| RGB | 221, 138, 136 |
| RGB Percent | 87%, 54%, 53% |
| CMY | 0.1333, 0.4588, 0.4667 |
| CMYK | 0.00, 0.38, 0.38, 0.13 |
| HSL | 1°, 56%, 70% |
| HSV | 1°, 38%, 87% |
| XYZ | 43.3512, 35.3267, 27.8264 |
| YIQ | 162.5890, 50.1100, 16.9740 |

Conversions

Conversions Part 2

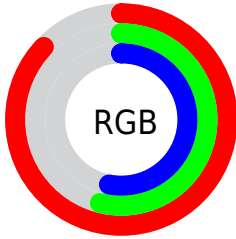
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 221, 138, 136 |
| Decimal | 14518920 |
| CIE Lab | 66.00, 31.42, 14.46 |
| CIE LCh | 66, 34.590, 24.717 |
| Yxy | 35.3267, 0.4070, 0.3317 |
| Android (android.graphics.Color) | 4292709000 (0xFFDD8A88) |
| YUV | 162.5890, -13.1084, 51.2264 |
| Hunter-Lab | 59.4363, 26.1796, 13.8475 |

Details

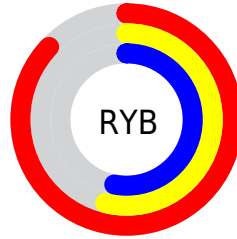
The XYZ color **43.3512, 35.3267, 27.8264** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **48.5348, 61.1151, 77.6449**, and the grayscale version is **34.6632, 36.4684, 39.7141**.

A 20% lighter version of the original color is **69.2749, 62.6334, 56.5824**, and **20.1922, 15.2748, 10.6882** is the 20% darker color. If you saturate the color by 10%, you get **39.1452, 29.1743, 19.4581**, and if you desaturate by 10%, it is **48.4980, 42.8421, 38.1066**.

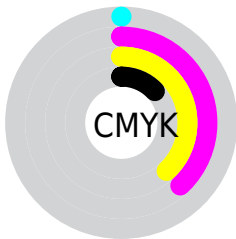
Distribution



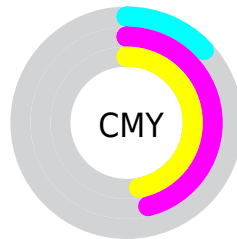
- Red (87%)
- Green (54%)
- Blue (53%)



- Red (87%)
- Yellow (54%)
- Blue (53%)



- Cyan (0%)
- Magenta (38%)
- Yellow (38%)
- Black (13%)





- Cyan (13%)
- Magenta (46%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.3512, 35.3267, 27.8264 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 43.3512, 35.3267, 27.8264 by changing the saturation by 10% instead.


 43.3512, 35.3267,
27.8264


 43.3512, 35.3267,
27.8264


350.9512,
326.0080, 305.5223


 30.3565, 23.9146,
17.9569


 79.4930, 67.9916,
57.2269

 20.2587, 15.2703,
10.7500


 103.3708, 90.0132,
77.5951

 12.6926, 9.0093,
5.7869


 131.6069,
116.3401, 102.2998

 7.2928, 4.7473,
2.6493

164.5668,
147.3567, 131.7598

 3.6938, 2.0997,
0.9177

202.6159,
183.4474, 166.3935

 1.5304, 0.6645,
0.0000

246.1194,

 0.3464, 0.0000,

224.9966, 206.6194

0.0000

295.4427,
272.3887, 252.8562

■ 0.0000, 0.0000,
0.0000

■ 43.3512, 35.3267,
27.8264

■ 43.3512, 35.3267,
27.8264

■ 39.1452, 29.1743,
19.4581

■ 48.4980, 42.8421,
38.1066

■ 35.8204, 24.2986,
12.8818

■ 54.6346, 51.7899,
50.4043

■ 33.3152, 20.6112,
7.9674

■ 61.8102, 62.2408,
64.8201

■ 31.5583, 18.0108,
4.5664

■ 70.0697, 74.2596,
81.4469

■ 30.4668, 16.3788,
2.5039

■ 79.4555, 87.9071,
100.3725

■ 29.9300, 15.5649,
1.5245

■ 83.6288, 94.1121,
108.3655

■ 29.8754, 15.4853,
1.4144

Harmonies

Analogous

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



44.3804, 35.3267, 41.1232



43.3512, 35.3267, 27.8264



39.5989, 35.3267, 19.7150

Triad

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



43.3512, 35.3267, 27.8264



26.1557, 35.3267, 24.3536



32.6775, 35.3267, 73.9814

Complementary

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



43.3512, 35.3267, 27.8264



48.5348, 61.1151, 77.6449

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.



28.1988, 35.3267, 66.4197



43.3512, 35.3267, 27.8264



24.6865, 35.3267, 35.9235

Square

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



43.3512, 35.3267, 27.8264



29.6214, 35.3267, 18.0967



25.3948, 35.3267, 51.5184



37.8698, 35.3267, 70.2318

Rectangle

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



43.3512, 35.3267, 27.8264



36.2429, 35.3267, 17.1529



25.3948, 35.3267, 51.5184



31.0451, 35.3267, 72.6310

Sweetspot

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



43.3521, 35.3284, 27.8271



81.7070, 80.5799, 82.0528



51.4862, 38.1260, 72.0666



17.2061, 16.8359, 16.9949



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.



43.3521, 35.3284, 27.8271



55.2522, 41.9793, 29.1217



50.5673, 49.7588, 30.2321



13.0805, 13.1004, 13.5648



17.3666, 9.0187, 0.8255



1.1340, 0.6020, 0.0564

Inverse Universe

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



48.5348, 61.1151, 77.6449



63.3653, 82.3649, 107.1661



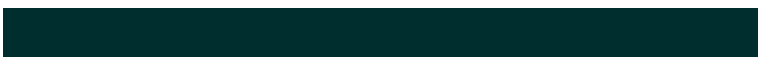
38.9433, 41.9322, 74.4477



13.4172, 14.7741, 16.7967



21.8272, 31.5239, 44.6727



1.4226, 2.0593, 2.8970

Previews

White Background



This preview shows how the XYZ color 43.3512, 35.3267, 27.8264 looks on a white background.

Color Contrast Check

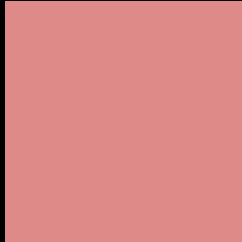
Large Text (above 18pt) WCAG AA × Fail

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 43.3512, 35.3267, 27.8264 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

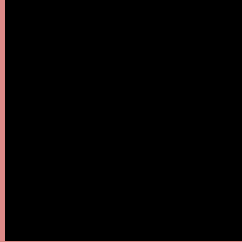
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.3512, 35.3267, 27.8264

Background



This preview shows how black text looks on a background with the XYZ color 43.3512, 35.3267, 27.8264.



This preview shows how white text looks on a background with the XYZ color 43.3512, 35.3267,

27.8264.

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

43.3512, 35.3267, 27.8264

Protanopia

33.7736, 35.4637, 32.6689

Deuteranopia

36.2047, 35.5752, 27.1488



Tritanopia

44.1948, 35.2445, 32.0773

Trichromacy



Original Color

43.3512, 35.3267, 27.8264

Protanomaly

36.6797, 35.0044, 30.8099

Deuteranomaly

38.6037, 35.3582, 27.3444

Tritanomaly

44.0278, 35.4041, 30.4998

Monochromacy



Original Color

43.3512, 35.3267, 27.8264

Achromatopsia

34.8123, 36.6253, 39.8849

Achromatomaly

37.0725, 35.6015, 35.0548

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.3512, 35.3267, 27.8264 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(221, 138, 136)` looks like.

```
.text, #text, p{  
    color:rgb(221, 138, 136)  
}
```

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(221, 138, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 138, 136) }
```

Border

The CSS property to change the border of an element to XYZ 43.3512, 35.3267, 27.8264 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(221, 138, 136) }
```


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

```
.border{ border-color:rgb(221, 138, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 138, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 138, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 138, 136);  
box-shadow:4px 4px 4px 4px rgb(221, 138,  
136) }
```

Background

The CSS property to change the background color of an element to XYZ 43.3512, 35.3267, 27.8264 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 138, 136) }
```

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

```
.background{ background-color: rgb(221,  
138, 136) }
```

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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