

Converting Colors

XYZ(42.4921, 36.3917, 32.3137)

Have a look what the booklet for
XYZ(42.4921, 36.3917, 32.3137)
contains.

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Color

**XYZ(42.5432, 36.3544,
32.3786)**

Conversions

Conversions Part 1

Format	Color
Hex	D49193
RGB	212, 145, 147
RGB Percent	83%, 57%, 58%
CMY	0.1686, 0.4314, 0.4235
CMYK	0.00, 0.32, 0.31, 0.17
HSL	358°, 44%, 70%
HSV	358°, 32%, 83%
XYZ	42.5432, 36.3544, 32.3786
YIQ	165.2610, 39.2900, 14.8260

Conversions

Conversions Part 2

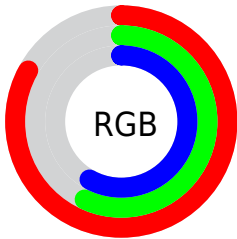
Format	Color
R _{YB}	212, 145, 147
Decimal	13930899
CIE _{Lab}	66.79, 25.62, 9.25
CIE _{LCh}	67, 27.238, 19.846
Y _{xy}	36.3544, 0.3823, 0.3267
Android (android.graphics.Color)	4292120979 (0xFFD49193)
Y _{UV}	165.2610, -9.0027, 40.9901
Hunter-Lab	60.2946, 20.4320, 10.3671

Details

The XYZ color **42.5432, 36.3544, 32.3786** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **46.8549, 57.7606, 69.6550**, and the grayscale version is **35.9189, 37.7895, 41.1528**.

A 20% lighter version of the original color is **72.2060, 66.3239, 64.2545**, and **19.8707, 15.9364, 13.3380** is the 20% darker color. If you saturate the color by 10%, you get **38.1286, 29.8812, 23.6434**, and if you desaturate by 10%, it is **47.8528, 44.1554, 42.8366**.

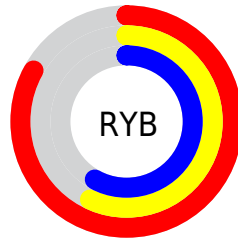
Distribution



Red (83%)

Green (57%)

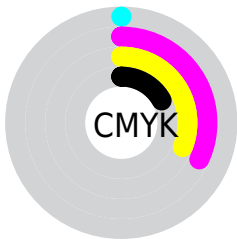
Blue (58%)



Red (83%)

Yellow (57%)

Blue (58%)

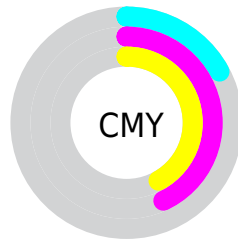


Cyan (0%)

Magenta (32%)

Yellow (31%)

Black (17%)



Cyan (17%)


Magenta (43%)


Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.5432, 36.3544, 32.3786 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 42.5432, 36.3544, 32.3786 by changing the saturation by 10% instead.


 42.5432, 36.3544,
32.3786


 42.5432, 36.3544,
32.3786


347.6832,
330.5069, 327.3860

 29.7198, 24.7080,
21.3836


 78.2811, 69.5787,
64.5089

 19.7730, 15.8597,
13.2107


 101.9263, 91.9255,
86.4814

 12.3375, 9.4249,
7.4414

129.9096,
118.6078, 112.9501

 7.0478, 5.0194,
3.6570

162.5962,
150.0101, 144.3335

 3.5386, 2.2586,
1.4391

200.3515,
186.5168, 181.0503

 1.4446, 0.7517,
0.1720

243.5409,

 0.2876, 0.0000,

228.5122, 223.5190

0.0000

292.5297,
276.3808, 272.1580

■ 0.0000, 0.0000,
0.0000

■ 42.5432, 36.3544,
32.3786

■ 42.5432, 36.3544,
32.3786

■ 38.1286, 29.8812,
23.6434

■ 47.8528, 44.1554,
42.8366

■ 34.5569, 24.6570,
16.5366

■ 54.0999, 53.3468,
55.1006

■ 31.7755, 20.6029,
10.9580

■ 61.3275, 63.9935,
69.2510

■ 29.7243, 17.6288,
6.7957

■ 69.5754, 76.1550,
85.3626

■ 28.3347, 15.6315,
3.9223

■ 78.8811, 89.8871,
103.5064

■ 27.5252, 14.4876,
2.1876

■ 80.9614, 92.7371,
108.2407

■ 27.1860, 14.0109,
1.4529

Harmonies

Analogous

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



42.9419, 36.3544, 43.7147



42.5432, 36.3544, 32.3786



39.9112, 36.3544, 24.6676

Triad

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



42.5432, 36.3544, 32.3786



28.8523, 36.3544, 26.6957



33.1775, 36.3544, 66.3407

Complementary

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



42.5432, 36.3544, 32.3786



46.8549, 57.7606, 69.6550

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.



29.6986, 36.3544, 59.5517



42.5432, 36.3544, 32.3786



27.3360, 36.3544, 35.7216

Square

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



42.5432, 36.3544, 32.3786



31.9367, 36.3544, 21.8662



27.6330, 36.3544, 47.7856



37.3101, 36.3544, 64.9525

Rectangle

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



42.5432, 36.3544, 32.3786



37.3523, 36.3544, 21.8944



27.6330, 36.3544, 47.7856



31.8987, 36.3544, 64.8944

Sweetspot

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



42.5442, 36.3561, 32.3793



84.7806, 84.8694, 88.8045



48.5219, 38.6734, 67.1947



17.8165, 17.6795, 18.3611



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.



42.5442, 36.3561, 32.3793



59.9158, 48.3206, 39.8809



47.8409, 47.1981, 33.3789



12.4381, 12.4267, 12.9813



16.7898, 8.6522, 0.9313



1.0181, 0.5240, 0.0846

Inverse Universe

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



42.5442, 36.3561, 32.3793



59.9158, 48.3206, 39.8809



40.0319, 43.7141, 68.6152



12.4381, 12.4267, 12.9813



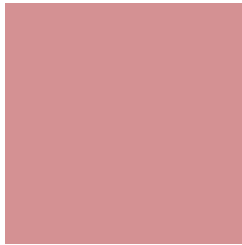
16.7898, 8.6522, 0.9313



1.0181, 0.5240, 0.0846

Previews

White Background



This preview shows how the XYZ color 42.5432, 36.3544, 32.3786 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 42.5432, 36.3544, 32.3786 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

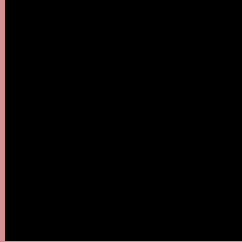
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 42.5432, 36.3544, 32.3786

Background



This preview shows how black text looks on a background with the XYZ color 42.5432, 36.3544, 32.3786.



This preview shows how white text looks on a background with the XYZ color 42.5432, 36.3544,

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

42.5432, 36.3544, 32.3786

Protanopia

34.8574, 36.4565, 36.6521

Deuteranopia

37.1754, 36.4726, 31.8686



Tritanopia

43.3302, 36.4592, 35.7639

Trichromacy



Original Color

42.5432, 36.3544, 32.3786

Protanomaly

37.1667, 36.1441, 35.1546

Deuteranomaly

39.0852, 36.4599, 32.1716

Tritanomaly

43.0813, 36.3597, 34.4532

Monochromacy



Original Color

42.5432, 36.3544, 32.3786

Achromatopsia

35.7637, 37.6262, 40.9749

Achromatomaly

37.6898, 36.8674, 37.4774

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.5432, 36.3544, 32.3786 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(212, 145, 147)` looks like.

```
.text, #text, p{  
    color:rgb(212, 145, 147)  
}
```

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(212, 145, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 145, 147) }
```

Border

The CSS property to change the border of an element to XYZ 42.5432, 36.3544, 32.3786 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(212, 145, 147) }
```


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

```
.border{ border-color:rgb(212, 145, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 145, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 145, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 145, 147);  
box-shadow:4px 4px 4px 4px rgb(212, 145,  
147) }
```

Background

The CSS property to change the background color of an element to XYZ 42.5432, 36.3544, 32.3786 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 145, 147) }
```

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

```
.background{ background-color: rgb(212,  
145, 147) }
```

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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