

Converting Colors

XYZ(47.6259, 42.4094, 33.8083)

Have a look what the booklet for
XYZ(47.6259, 42.4094, 33.8083)
contains.

XYZ(47.5622, 42.3065, 33.6762)	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(47.5622, 42.3065,
33.6762)**

Conversions

Conversions Part 1

Format	Color
Hex	DD9F94
RGB	221, 159, 148
RGB Percent	87%, 62%, 58%
CMY	0.1333, 0.3764, 0.4196
CMYK	0.00, 0.28, 0.33, 0.13
HSL	9°, 52%, 72%
HSV	9°, 33%, 87%
XYZ	47.5622, 42.3065, 33.6762
YIQ	176.2840, 40.4830, 9.7230

Conversions

Conversions Part 2

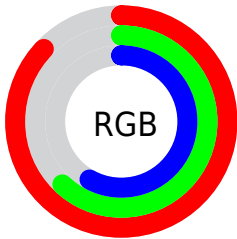
Format	Color
R _Y B	221, 161, 148
Decimal	14524308
CIE Lab	71.08, 21.61, 14.89
CIE LCh	71, 26.238, 34.567
Yxy	42.3065, 0.3850, 0.3424
Android (android.graphics.Color)	4292714388 (0xFFDD9F94)
YUV	176.2840, -13.9440, 39.2159
Hunter-Lab	65.0434, 16.6998, 14.8331

Details

The XYZ color **47.5622, 42.3065, 33.6762** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **48.3097, 57.6076, 76.9799**, and the grayscale version is **41.4717, 43.6314, 47.5146**.

A 20% lighter version of the original color is **75.9472, 73.6174, 66.0838**, and **22.7252, 19.2710, 13.8312** is the 20% darker color. If you saturate the color by 10%, you get **42.9911, 35.7015, 24.3305**, and if you desaturate by 10%, it is **52.9596, 50.0292, 44.9459**.

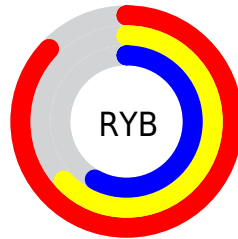
Distribution



Red (87%)

Green (62%)

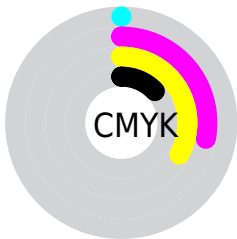
Blue (58%)



Red (87%)

Yellow (63%)

Blue (58%)

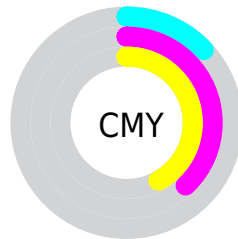


Cyan (0%)

Magenta (28%)

Yellow (33%)

Black (13%)



Cyan (13%)


Magenta (38%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 47.5622, 42.3065, 33.6762 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 47.5622, 42.3065, 33.6762 by changing the saturation by 10% instead.


 47.5622, 42.3065,
33.6762


 47.5622, 42.3065,
33.6762


367.6657,
355.7519, 333.4108

 33.6901, 29.3414,
22.3696


 85.7659, 78.6633,
66.5579

 22.8174, 19.3392,
13.9278

 110.8281,
102.8237, 88.9702

 14.5787, 11.9156,
7.9323


140.3512,
131.4847, 115.9214

 8.6086, 6.6863,
3.9645

174.7004,
165.0307, 147.8301

 4.5418, 3.2667,
1.6059

214.2411,
203.8460, 185.1149

 2.0130, 1.2725,
0.2950

259.3386,

 0.6413, 0.1198,

248.3150, 228.1942

0.0000

310.3584,
298.8222, 277.4867

■ 0.0000, 0.0000,
0.0000

■ 47.5622, 42.3065,
33.6762

■ 47.5622, 42.3065,
33.6762

■ 42.9911, 35.7015,
24.3305

■ 52.9596, 50.0292,
44.9459

■ 39.2019, 30.1565,
16.7985

■ 59.2181, 58.9120,
58.2363

■ 36.1509, 25.6177,
10.9625

■ 66.3747, 69.0021,
73.6408

■ 33.7889, 22.0242,
6.6901

■ 74.4631, 80.3427,
91.2461

■ 32.0603, 19.3082,
3.8289

■ 82.9462, 92.7470,
108.1380

■ 30.9004, 17.3927,
2.1956

■ 83.6288, 94.1122,
108.3655

■ 30.3714, 16.4774,
1.5797

Harmonies

Analogous

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



49.2160, 42.3065, 44.1681



47.5622, 42.3065, 33.6762



43.9422, 42.3065, 27.5159

Triad

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



47.5622, 42.3065, 33.6762



33.0664, 42.3065, 36.4523



40.8863, 42.3065, 74.5748

Complementary

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



47.5622, 42.3065, 33.6762



48.3097, 57.6076, 76.9799

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.



36.6974, 42.3065, 71.4972



47.5622, 42.3065, 33.6762



32.3775, 42.3065, 48.0146

Square

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



47.5622, 42.3065, 33.6762



35.6139, 42.3065, 28.9026



33.6593, 42.3065, 61.1701



45.1877, 42.3065, 68.9500

Rectangle

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



47.5622, 42.3065, 33.6762



41.0147, 42.3065, 25.9631



33.6593, 42.3065, 61.1701



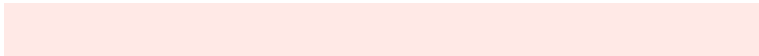
39.4180, 42.3065, 74.5310

Sweetspot

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



47.5633, 42.3085, 33.6770



84.6892, 85.4179, 86.5190



52.0481, 41.2081, 66.2163



17.8374, 17.8740, 17.8976



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.



47.5633, 42.3085, 33.6770



61.0619, 51.7042, 36.8986



54.7804, 56.7427, 36.0828



13.2137, 13.3667, 13.6092



17.6947, 9.6749, 0.9348



1.1973, 0.7287, 0.0776

Inverse Universe

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



48.3097, 57.6076, 76.9799



62.2364, 76.0913, 106.0146



40.3136, 41.6154, 74.3145



13.2689, 14.4776, 16.7472



18.0559, 23.9813, 43.4156



1.2161, 1.6462, 2.8281

Previews

White Background



This preview shows how the XYZ color 47.5622, 42.3065, 33.6762 looks on a white background.

Color Contrast Check

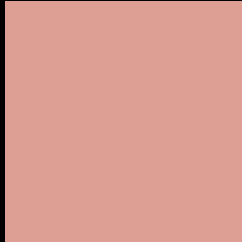
Large Text (above 18pt) WCAG AA × Fail

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 47.5622, 42.3065, 33.6762 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 47.5622, 42.3065, 33.6762

Background



This preview shows how black text looks on a background with the XYZ color 47.5622, 42.3065, 33.6762.



This preview shows how white text looks on a background with the XYZ color 47.5622, 42.3065,

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

47.5622, 42.3065, 33.6762

Protanopia

40.3439, 42.5837, 37.1035

Deuteranopia

43.2783, 42.4981, 33.1161



Tritanopia

49.3878, 42.2921, 42.6060

Trichromacy



Original Color

47.5622, 42.3065, 33.6762

Protanomaly

42.6204, 42.3787, 35.6393

Deuteranomaly

44.7340, 42.4267, 33.4352

Tritanomaly

48.6142, 42.2167, 39.3046

Monochromacy



Original Color

47.5622, 42.3065, 33.6762

Achromatopsia

41.2663, 43.4154, 47.2793

Achromatomaly

42.9959, 42.7091, 42.0539

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.5622, 42.3065, 33.6762 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, 159, 148)` looks like.

```
.text, #text, p{  
    color:rgb(221, 159, 148)  
}
```

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, 159, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 159, 148) }
```

Border

The CSS property to change the border of an element to XYZ 47.5622, 42.3065, 33.6762 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, 159, 148) }
```


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

```
.border{ border-color:rgb(221, 159, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 159, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(221, 159, 148); -webkit-box-shadow:4px 4px 4px 4px rgb(221, 159, 148); box-shadow:4px 4px 4px 4px rgb(221, 159, 148) }
```

Background

The CSS property to change the background color of an element to XYZ 47.5622, 42.3065, 33.6762 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 159, 148) }
```

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

```
.background{ background-color: rgb(221,  
159, 148) }
```

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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