

Converting Colors

XYZ(39.3947, 30.7606, 23.2467)

Have a look what the booklet for
XYZ(39.3947, 30.7606, 23.2467)
contains.

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Color

**XYZ(39.3542, 30.7468,
23.2626)**

Conversions

Conversions Part 1

Format	Color
Hex	D87D7D
RGB	216, 125, 125
RGB Percent	85%, 49%, 49%
CMY	0.1529, 0.5098, 0.5098
CMYK	0.00, 0.42, 0.42, 0.15
HSL	0°, 54%, 67%
HSV	0°, 42%, 85%
XYZ	39.3542, 30.7468, 23.2626
YIQ	152.2090, 54.2360, 19.2920

Conversions

Conversions Part 2

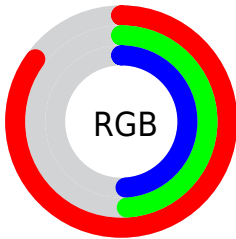
Format	Color
R_{YB}	216, 125, 125
Decimal	14187901
CIE Lab	62.29, 35.20, 15.43
CIE LCh	62, 38.428, 23.667
Yxy	30.7468, 0.4215, 0.3293
Android (android.graphics.Color)	4292377981 (0xFFD87D7D)
YUV	152.2090, -13.4140, 55.9447
Hunter-Lab	55.4498, 29.6491, 13.9412

Details

The XYZ color **39.3542, 30.7468, 23.2626** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **45.4069, 58.4272, 73.8501**, and the grayscale version is **29.9758, 31.5368, 34.3436**.

A 20% lighter version of the original color is **65.3960, 56.7146, 49.6197**, and **17.8538, 12.6885, 8.3456** is the 20% darker color. If you saturate the color by 10%, you get **35.6781, 25.3679, 15.9538**, and if you desaturate by 10%, it is **43.9265, 37.4377, 32.3509**.

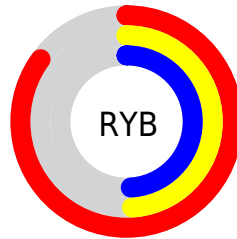
Distribution



Red (85%)

Green (49%)

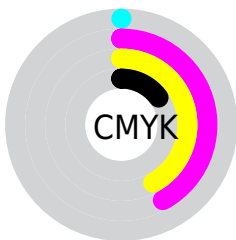
Blue (49%)



Red (85%)

Yellow (49%)

Blue (49%)

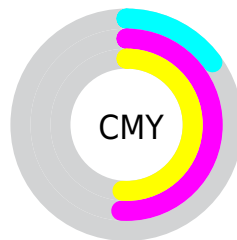


Cyan (0%)

Magenta (42%)

Yellow (42%)

Black (15%)



Cyan (15%)


Magenta (51%)


Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.3542, 30.7468, 23.2626 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 39.3542, 30.7468, 23.2626 by changing the saturation by 10% instead.


 39.3542, 30.7468,
23.2626


 39.3542, 30.7468,
23.2626

334.5753,
305.3701, 282.2364

 27.2173, 20.4061,
14.5804


 73.4697, 60.8412,
49.7528

 17.8740, 12.6906,
8.3821


 96.1791, 81.3637,
68.3979

 10.9587, 7.2158,
4.2491


 123.1433,
106.0490, 91.2010

 6.1061, 3.5974,
1.7630

154.7278,
135.2814, 118.5808

 2.9510, 1.4510,
0.4034

191.2979,
169.4453, 150.9556

 1.1279, 0.2539,
0.0000

233.2190,

 0.0483, 0.0000,

208.9251, 188.7442

0.0000

280.8563,
254.1053, 232.3649

■ 0.0000, 0.0000,
0.0000

■ 39.3542, 30.7468,
23.2626

■ 39.3542, 30.7468,
23.2626

■ 35.6781, 25.3679,
15.9538

■ 43.9265, 37.4377,
32.3509

■ 32.8372, 21.2108,
10.3064

■ 49.4458, 45.5141,
43.3231

■ 30.7667, 18.1810,
6.1906


■ 55.9621, 55.0493,
56.2773


■ 29.3913, 16.1684,
3.4567


■ 63.5212, 66.1104,
71.3046

■ 28.6207, 15.0407,
1.9250

■ 72.1660, 78.7601,
88.4902

 28.3190, 14.5992,
1.3253

 81.9369, 93.0577,
107.9148

 82.1289, 93.3389,
108.2953

Harmonies

Analogous

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



40.3115, 30.7468, 36.7319



39.3542, 30.7468, 23.2626



35.5467, 30.7468, 15.3238

Triad

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



39.3542, 30.7468, 23.2626



21.8968, 30.7468, 19.2349



28.1365, 30.7468, 70.6930

Complementary

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



39.3542, 30.7468, 23.2626



45.4069, 58.4272, 73.8501

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.



23.6992, 30.7468, 62.1965



39.3542, 30.7468, 23.2626



20.3822, 30.7468, 30.4222

Square

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



39.3542, 30.7468, 23.2626



25.3969, 30.7468, 13.5259



21.0008, 30.7468, 46.3165



33.4173, 30.7468, 67.0855

Rectangle

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



39.3542, 30.7468, 23.2626



32.1222, 30.7468, 12.8537



21.0008, 30.7468, 46.3165



26.5054, 30.7468, 69.0933

Sweetspot

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



39.3550, 30.7483, 23.2632



80.4866, 78.6897, 79.9484



48.0473, 34.2243, 69.0393



16.7544, 16.1506, 16.1719



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.



39.3550, 30.7483, 23.2632



52.2666, 37.3957, 23.8486



46.4894, 45.0171, 25.6413



12.4234, 12.4209, 12.9034



16.7620, 8.6413, 0.7845



1.0110, 0.5212, 0.0473

Inverse Universe

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



45.4069, 58.4272, 73.8501



62.2579, 83.0918, 107.3647



35.3210, 38.2554, 70.4881



12.7922, 14.1078, 15.9864



21.8693, 32.0003, 43.4772



1.3191, 1.9301, 2.6223

Previews

White Background



This preview shows how the XYZ color 39.3542, 30.7468, 23.2626 looks on a white background.

Color Contrast Check

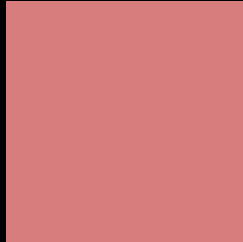
Large Text (above 18pt) WCAG AA × Fail

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 39.3542, 30.7468, 23.2626 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

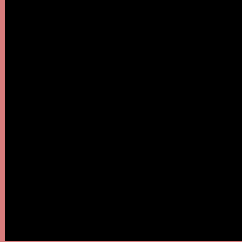
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 39.3542, 30.7468, 23.2626

Background



This preview shows how black text looks on a background with the XYZ color 39.3542, 30.7468, 23.2626.



This preview shows how white text looks on a background with the XYZ color 39.3542, 30.7468,

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

39.3542, 30.7468, 23.2626

Protanopia

29.5587, 31.1363, 28.4968

Deuteranopia

31.4811, 30.8614, 22.3868



Tritanopia

40.0566, 30.8605, 26.0358

Trichromacy



Original Color

39.3542, 30.7468, 23.2626

Protanomaly

32.2667, 30.5044, 26.3776

Deuteranomaly

34.0872, 30.6585, 22.5334

Tritanomaly

39.8522, 30.7787, 24.9595

Monochromacy



Original Color

39.3542, 30.7468, 23.2626

Achromatopsia

29.8446, 31.3989, 34.1934

Achromatomaly

32.2347, 30.4130, 29.7625

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.3542, 30.7468, 23.2626 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(216, 125, 125)` looks like.

```
.text, #text, p{  
    color:rgb(216, 125, 125)  
}
```

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(216, 125, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 125, 125) }
```

Border

The CSS property to change the border of an element to XYZ 39.3542, 30.7468, 23.2626 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(216, 125, 125) }
```


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

```
.border{ border-color:rgb(216, 125, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 125, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(216, 125, 125); -webkit-box-shadow:4px 4px 4px 4px rgb(216, 125, 125); box-shadow:4px 4px 4px 4px rgb(216, 125, 125) }
```

Background

The CSS property to change the background color of an element to XYZ 39.3542, 30.7468, 23.2626 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 125, 125) }
```

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

```
.background{ background-color: rgb(216,  
125, 125) }
```

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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