

Converting Colors

XYZ(37.6083, 32.7943, 37.6055)

Have a look what the booklet for
XYZ(37.6083, 32.7943, 37.6055)
contains.

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Color

**XYZ(37.6083, 32.7943,
37.6055)**

Conversions

Conversions Part 1

Format	Color
Hex	C08DA0
RGB	192, 141, 160
RGB Percent	75%, 55%, 63%
CMY	0.2471, 0.4470, 0.3725
CMYK	0.00, 0.27, 0.17, 0.25
HSL	338°, 29%, 65%
HSV	338°, 27%, 75%
XYZ	37.6083, 32.7943, 37.6055
YIQ	158.4150, 24.2970, 16.7210

Conversions

Conversions Part 2

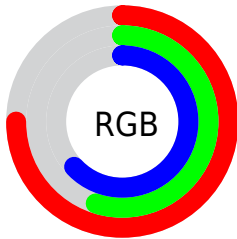
Format	Color
R_{YB}	192, 141, 160
Decimal	12619168
CIE _{Lab}	63.99, 22.27, -2.40
CIE _{LCh}	64, 22.400, 353.845
Yxy	32.7943, 0.3482, 0.3036
Android (android.graphics.Color)	4290809248 (0xFFC08DA0)
YUV	158.4150, 0.7814, 29.4540
Hunter-Lab	57.2663, 17.0096, 1.1520

Details

The XYZ color **37.6083, 32.7943, 37.6055** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **37.3783, 46.3800, 46.5196**, and the grayscale version is **32.6775, 34.3793, 37.4390**.

A 20% lighter version of the original color is **70.8478, 64.0762, 72.9238**, and **16.8977, 13.8197, 16.2449** is the 20% darker color. If you saturate the color by 10%, you get **34.0156, 27.2143, 31.4576**, and if you desaturate by 10%, it is **41.7958, 39.3997, 44.4564**.

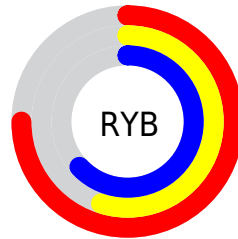
Distribution



Red (75%)

Green (55%)

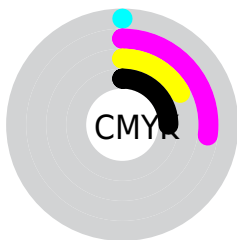
Blue (63%)



Red (75%)

Yellow (55%)

Blue (63%)

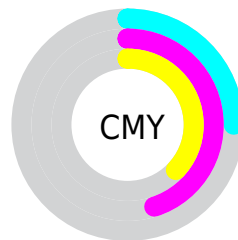


Cyan (0%)

Magenta (27%)

Yellow (17%)

Black (25%)



Cyan (25%)


Magenta (45%)


Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 37.6083, 32.7943, 37.6055 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 37.6083, 32.7943, 37.6055 by changing the saturation by 10% instead.


 37.6083, 32.7943,
37.6055


 37.6083, 32.7943,
37.6055


327.2467,
314.7218, 351.1719


 25.8547, 21.9689,
25.3772


 70.8151, 64.0542,
72.6998

 16.8470, 13.8341,
16.1367


 92.9990, 85.2576,
96.4028

 10.2201, 8.0053,
9.4656


 119.3904,
110.6891, 124.7679

 5.6085, 4.0984,
4.9451

150.3546,
140.7330, 158.2134

 2.6469, 1.7287,
2.1569

186.2570,
175.7739, 197.1581

 0.9699, 0.4422,
0.6494

227.4629,

 0.0000, 0.0000,

216.1960, 242.0204

0.0000

274.3376,
262.3839, 293.2188

■ 37.6083, 32.7943,
37.6055

■ 37.6083, 32.7943,
37.6055

■ 34.0156, 27.2143,
31.4576

■ 41.7958, 39.3997,
44.4564

■ 30.9866, 22.6034,
25.9870

■ 46.6017, 47.0740,
52.0307

■ 28.4918, 18.9068,
21.1692

■ 52.0513, 55.8639,
60.3504

■ 26.4974, 16.0621,
16.9773

■ 58.1682, 65.8118,
69.4361

■ 24.9657, 13.9992,
13.3824

■ 64.9742, 76.9579,
79.3072

■ 23.8531, 12.6366,
10.3523

■ 72.1049, 88.5692,
89.8543

■ 23.1030, 11.8671,
7.8496

■ 73.8787, 89.2787,
99.1948

■ 22.8926, 11.6682,
7.0950

■ 75.5484, 89.9466,
107.9873

Harmonies

Analogous

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



36.3367, 32.7943, 46.9866



37.6083, 32.7943, 37.6055



37.0630, 32.7943, 29.1258

Triad

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



37.6083, 32.7943, 37.6055



28.7781, 32.7943, 22.0414



27.7216, 32.7943, 51.6774

Complementary

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



37.6083, 32.7943, 37.6055



37.3783, 46.3800, 46.5196

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.



25.9373, 32.7943, 43.2126



37.6083, 32.7943, 37.6055



26.5178, 32.7943, 26.3953

Square

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



37.6083, 32.7943, 37.6055



31.8259, 32.7943, 21.0527



25.5119, 32.7943, 33.8743



30.5232, 32.7943, 55.9484

Rectangle

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



37.6083, 32.7943, 37.6055



35.7597, 32.7943, 24.9608



25.5119, 32.7943, 33.8743



26.9908, 32.7943, 49.1657

Sweetspot

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



37.6092, 32.7958, 37.6062



82.9977, 82.9832, 92.0360



36.1528, 31.6789, 54.0788



17.5120, 17.3321, 19.2858



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



37.6092, 32.7958, 37.6062



64.1432, 53.1866, 61.3578



36.9731, 33.9830, 29.8118



10.2249, 10.1386, 11.2748



15.4390, 7.8653, 4.9577



0.7005, 0.3532, 0.3904

Inverse Universe

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



37.6092, 32.7958, 37.6062



64.1432, 53.1866, 61.3578



38.0695, 44.6083, 56.4734



10.2249, 10.1386, 11.2748



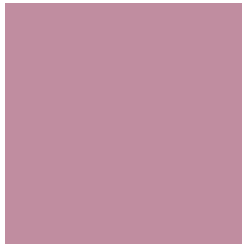
15.4390, 7.8653, 4.9577



0.7005, 0.3532, 0.3904

Previews

White Background



This preview shows how the XYZ color 37.6083, 32.7943, 37.6055 looks on a white background.

Color Contrast Check

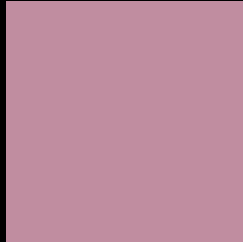
Large Text (above 18pt) WCAG AA × Fail

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 37.6083, 32.7943, 37.6055 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 37.6083, 32.7943, 37.6055

Background



This preview shows how black text looks on a background with the XYZ color 37.6083, 32.7943, 37.6055.



This preview shows how white text looks on a background with the XYZ color 37.6083, 32.7943,

37.6055.

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

37.6083, 32.7943, 37.6055

Protanopia

31.9499, 32.8084, 41.6945

Deuteranopia

33.6003, 33.0369, 36.9536



Tritanopia

36.9086, 32.7223, 34.5077

Trichromacy



Original Color

37.6083, 32.7943, 37.6055

Protanomaly

33.6874, 32.5363, 40.1019

Deuteranomaly

34.8232, 32.7178, 37.2807

Tritanomaly

37.1596, 32.8227, 35.8294

Monochromacy



Original Color

37.6083, 32.7943, 37.6055

Achromatopsia

32.4990, 34.1914, 37.2345

Achromatomaly

34.0638, 33.5057, 37.4728

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.6083, 32.7943, 37.6055 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(192, 141, 160)` looks like.

```
.text, #text, p{  
    color:rgb(192, 141, 160)  
}
```

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(192, 141, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 141, 160) }
```

Border

The CSS property to change the border of an element to XYZ 37.6083, 32.7943, 37.6055 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(192, 141, 160) }
```


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

```
.border{ border-color:rgb(192, 141, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 141, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 141, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 141, 160);  
box-shadow:4px 4px 4px 4px rgb(192, 141,  
160) }
```

Background

The CSS property to change the background color of an element to XYZ 37.6083, 32.7943, 37.6055 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 141, 160) }
```

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

```
.background{ background-color: rgb(192,  
141, 160) }
```

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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