

Converting Colors

XYZ(36.9404, 32.4468, 27.4381)

Have a look what the booklet for
XYZ(36.9404, 32.4468, 27.4381)
contains.

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Color

**XYZ(36.8480, 32.4041,
27.6051)**

Conversions

Conversions Part 1

Format	Color
Hex	C58C88
RGB	197, 140, 136
RGB Percent	77%, 55%, 53%
CMY	0.2275, 0.4510, 0.4667
CMYK	0.00, 0.29, 0.31, 0.23
HSL	4°, 34%, 65%
HSV	4°, 31%, 77%
XYZ	36.8480, 32.4041, 27.6051
YIQ	156.5870, 35.2560, 10.8400

Conversions

Conversions Part 2

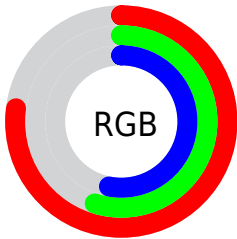
Format	Color
R _Y B	197, 140, 136
Decimal	12946568
CIE Lab	63.68, 21.15, 10.79
CIE LCh	64, 23.746, 27.024
Yxy	32.4041, 0.3804, 0.3346
Android (android.graphics.Color)	4291136648 (0xFFC58C88)
YUV	156.5870, -10.1494, 35.4422
Hunter-Lab	56.9246, 15.9272, 11.0950

Details

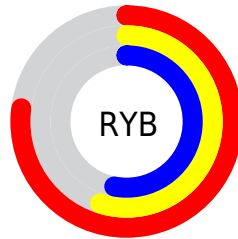
The XYZ color **36.8480, 32.4041, 27.6051** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **39.3007, 47.4038, 59.9019**, and the grayscale version is **31.8962, 33.5573, 36.5438**.

A 20% lighter version of the original color is **69.7171, 63.5177, 56.7298**, and **16.4074, 13.5674, 10.5581** is the 20% darker color. If you saturate the color by 10%, you get **33.1063, 26.9589, 20.0737**, and if you desaturate by 10%, it is **41.2987, 38.8551, 36.6431**.

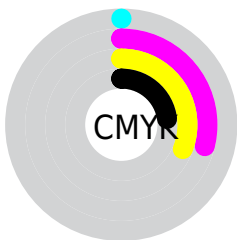
Distribution



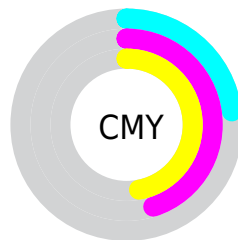
- Red (77%)
- Green (55%)
- Blue (53%)



- Red (77%)
- Yellow (55%)
- Blue (53%)



- Cyan (0%)
- Magenta (29%)
- Yellow (31%)
- Black (23%)





- Cyan (23%)
- Magenta (45%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 36.8480, 32.4041, 27.6051 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 36.8480, 32.4041, 27.6051 by changing the saturation by 10% instead.


 36.8480, 32.4041,
27.6051


 36.8480, 32.4041,
27.6051


324.0189,
312.9560, 304.4274


 25.2630, 21.6703,
17.7917


 69.6543, 63.4441,
56.8688

 16.4029, 13.6149,
10.6327


 91.6063, 84.5190,
77.1563

 9.9023, 7.8533,
5.7094


 117.7446,
109.8099, 101.7722

 5.3960, 4.0012,
2.6033

148.4346,
139.7010, 131.1351

 2.5186, 1.6742,
0.8941

184.0417,
174.5768, 165.6635

 0.9046, 0.4069,
0.0000

224.9312,

 0.0000, 0.0000,

214.8216, 205.7760

0.0000

271.4685,
260.8199, 251.8912

■ 36.8480, 32.4041,
27.6051

■ 36.8480, 32.4041,
27.6051

■ 33.1063, 26.9589,
20.0737

■ 41.2987, 38.8551,
36.6431

■ 30.0344, 22.4646,
13.9651

■ 46.4897, 46.3541,
47.2613

■ 27.5936, 18.8679,
9.1904

■ 52.4535, 54.9466,
59.5309

■ 25.7399, 16.1085,
5.6499

■ 59.2199, 64.6739,
73.5182

■ 24.4236, 14.1186,
3.2297

■ 66.8172, 75.5752,
89.2858

■ 23.5869, 12.8200,
1.7951

■ 75.2722, 87.6880,
106.8932

■ 23.1690, 12.1564,
1.1253

■ 76.8360, 90.6103,
108.0476

Harmonies

Analogous

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



37.6299, 32.4041, 36.2411



36.8480, 32.4041, 27.6051



34.4089, 32.4041, 22.0517

Triad

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



36.8480, 32.4041, 27.6051



25.7446, 32.4041, 26.2314



30.4686, 32.4041, 56.8902

Complementary

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



36.8480, 32.4041, 27.6051



39.3007, 47.4038, 59.9019

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.



27.4511, 32.4041, 52.9649



36.8480, 32.4041, 27.6051



24.8495, 32.4041, 34.3411

Square

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



36.8480, 32.4041, 27.6051



27.9866, 32.4041, 21.3645



25.4513, 32.4041, 44.2659



33.7940, 32.4041, 54.2202

Rectangle

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



36.8480, 32.4041, 27.6051



32.2561, 32.4041, 20.2878



25.4513, 32.4041, 44.2659



29.3867, 32.4041, 56.2839

Sweetspot

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



36.8489, 32.4056, 27.6057



85.1093, 85.6824, 88.4338



41.5623, 33.3718, 55.2605



17.8966, 17.8776, 18.2708



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.



36.8489, 32.4056, 27.6057



61.4322, 51.4009, 40.2402



41.7606, 42.2292, 29.2430



10.6888, 10.7468, 11.0737



15.2616, 8.0405, 0.7476



0.7426, 0.4206, 0.0420

Inverse Universe

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



39.3007, 47.4038, 59.9019



66.4935, 82.3927, 107.0065



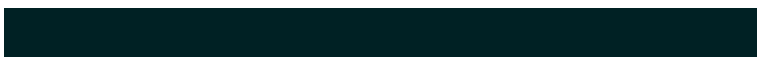
33.4090, 35.6203, 57.9380



10.8848, 11.9437, 13.6492



17.9363, 25.2665, 38.6759



0.8677, 1.2332, 1.8374

Previews

White Background



This preview shows how the XYZ color 36.8480, 32.4041, 27.6051 looks on a white background.

Color Contrast Check

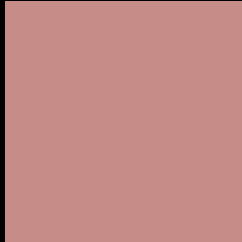
Large Text (above 18pt) WCAG AA × Fail

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 36.8480, 32.4041, 27.6051 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 36.8480, 32.4041, 27.6051

Background



This preview shows how black text looks on a background with the XYZ color 36.8480, 32.4041, 27.6051.



This preview shows how white text looks on a background with the XYZ color 36.8480, 32.4041,

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

36.8480, 32.4041, 27.6051

Protanopia

31.0107, 32.5680, 30.6384

Deuteranopia

33.1820, 32.5632, 27.0907



Tritanopia

37.8020, 32.3527, 32.6861

Trichromacy



Original Color

36.8480, 32.4041, 27.6051

Protanomaly

32.7147, 32.2726, 29.3159

Deuteranomaly

34.4192, 32.4974, 27.3802

Tritanomaly

37.5554, 32.4846, 30.6763

Monochromacy



Original Color

36.8480, 32.4041, 27.6051

Achromatopsia

32.0474, 33.7164, 36.7171

Achromatomaly

33.5047, 33.0738, 33.0518

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.8480, 32.4041, 27.6051 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(197, 140, 136)` looks like.

```
.text, #text, p{  
    color:rgb(197, 140, 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(197, 140, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 140, 136) }
```

Border

The CSS property to change the border of an element to XYZ 36.8480, 32.4041, 27.6051 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(197, 140, 136) }
```


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

```
.border{ border-color:rgb(197, 140, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 140, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 140, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 140, 136);  
box-shadow:4px 4px 4px 4px rgb(197, 140,  
136) }
```

Background

The CSS property to change the background color of an element to XYZ 36.8480, 32.4041, 27.6051 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 140, 136) }
```

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

```
.background{ background-color: rgb(197,  
140, 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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