

Converting Colors

XYZ(32.6593, 28.3593, 25.0843)

Have a look what the booklet for
XYZ(32.6593, 28.3593, 25.0843)
contains.

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Color

**XYZ(32.7066, 28.4361,
25.2376)**

Conversions

Conversions Part 1

Format	Color
Hex	BB8383
RGB	187, 131, 131
RGB Percent	73%, 51%, 51%
CMY	0.2667, 0.4863, 0.4863
CMYK	0.00, 0.30, 0.30, 0.27
HSL	0°, 29%, 62%
HSV	0°, 30%, 73%
XYZ	32.7066, 28.4361, 25.2376
YIQ	147.7440, 33.3760, 11.8720

Conversions

Conversions Part 2

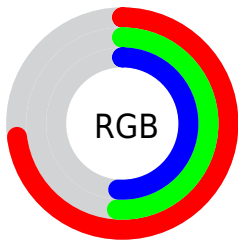
Format	Color
RYB	187, 131, 131
Decimal	12288899
CIELab	60.28, 21.58, 8.66
CIElCh	60, 23.255, 21.873
Yxy	28.4361, 0.3786, 0.3292
Android (android.graphics.Color)	4290478979 (0xFFBB8383)
YUV	147.7440, -8.2548, 34.4275
Hunter-Lab	53.3255, 16.1613, 9.2674

Details

The XYZ color **32.7066, 28.4361, 25.2376** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **36.0995, 43.9525, 53.5950**, and the grayscale version is **28.0659, 29.5275, 32.1555**.

A 20% lighter version of the original color is **63.1004, 56.9748, 53.0189**, and **13.9811, 11.3996, 9.4461** is the 20% darker color. If you saturate the color by 10%, you get **29.2630, 23.3974, 18.3910**, and if you desaturate by 10%, it is **36.8337, 34.4754, 33.4412**.

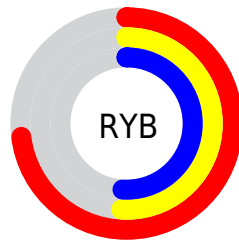
Distribution



Red (73%)

Green (51%)

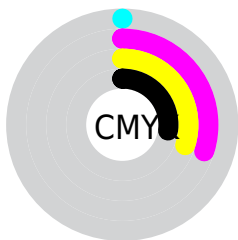
Blue (51%)



Red (73%)

Yellow (51%)

Blue (51%)

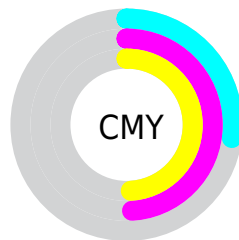


Cyan (0%)

Magenta (30%)

Yellow (30%)

Black (27%)



Cyan (27%)


Magenta (49%)

Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.7066, 28.4361, 25.2376 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 32.7066, 28.4361, 25.2376 by changing the saturation by 10% instead.


 32.7066, 28.4361,
25.2376


 32.7066, 28.4361,
25.2376

306.0140,
294.5449, 292.5046

 22.0599, 18.6547,
16.0335


 63.2749, 57.1799,
53.0113

 14.0178, 11.4210,
9.3933


 83.9273, 76.9111,
72.4180

 8.2148, 6.3508,
4.8983


 108.6457,
100.7277, 96.0627

 4.2857, 3.0595,
2.1300

137.7953,
129.0140, 124.3639

 1.8650, 1.1629,
0.6335

171.7416,
162.1545, 157.7402

 0.5564, 0.0311,
0.0000

210.8499,

 0.0000, 0.0000,

200.5336, 196.6100

0.0000

255.4856,
244.5356, 241.3920

■ 32.7066, 28.4361,
25.2376

■ 32.7066, 28.4361,
25.2376

■ 29.2630, 23.3974,
18.3910

■ 36.8337, 34.4754,
33.4412

■ 26.4640, 19.3016,
12.8268

■ 41.6760, 41.5610,
43.0675

■ 24.2701, 16.0912,
8.4656

■ 47.2659, 49.7406,
54.1802

■ 22.6367, 13.7011,
5.2187

■ 53.6332, 59.0577,
66.8384

■ 21.5131, 12.0567,
2.9851

■ 60.8061, 69.5536,
81.0983

■ 20.8392, 11.0706,
1.6457

■ 68.8114, 81.2675,
97.0129

■ 20.4954, 10.5675,
0.9624

■ 74.3036, 89.3049,
107.9291

■ 20.4938, 10.5651,
0.9591

Harmonies

Analogous

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



33.1116, 28.4361, 33.3425



32.7066, 28.4361, 25.2376



30.7253, 28.4361, 19.7560

Triad

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



32.7066, 28.4361, 25.2376



22.7628, 28.4361, 21.8884



26.2250, 28.4361, 50.2333

Complementary

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



32.7066, 28.4361, 25.2376



36.0995, 43.9525, 53.5950

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.



23.6393, 28.4361, 45.7623



32.7066, 28.4361, 25.2376



21.7387, 28.4361, 28.6977

Square

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



32.7066, 28.4361, 25.2376



24.9470, 28.4361, 18.0846



22.0473, 28.4361, 37.4927



29.2209, 28.4361, 48.8417

Rectangle

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



32.7066, 28.4361, 25.2376



28.8515, 28.4361, 17.8292



22.0473, 28.4361, 37.4927



25.2824, 28.4361, 49.3408

Sweetspot

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



32.7074, 28.4374, 25.2382



75.3927, 75.5350, 78.6274



37.5797, 30.3856, 50.8983



16.3016, 16.1934, 16.7164



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



32.7074, 28.4374, 25.2382



54.3526, 44.7474, 36.8004



36.9887, 37.0001, 26.6653



9.5302, 9.5365, 9.9151



14.1203, 7.2795, 0.6609



0.5531, 0.2852, 0.0259

Inverse Universe

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



36.0995, 43.9525, 53.5950



61.4147, 77.0480, 95.8363



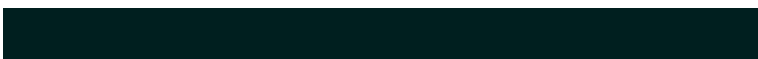
30.7282, 33.2098, 51.8045



9.8086, 10.8095, 12.2417



18.4223, 26.9562, 36.6250



0.7216, 1.0559, 1.4346

Previews

White Background



This preview shows how the XYZ color 32.7066, 28.4361, 25.2376 looks on a white background.

Color Contrast Check

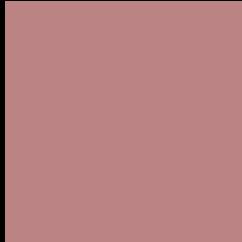
Large Text (above 18pt) WCAG AA ✓ Pass

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 32.7066, 28.4361, 25.2376 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

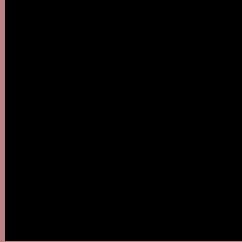
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 32.7066, 28.4361, 25.2376

Background



This preview shows how black text looks on a background with the XYZ color 32.7066, 28.4361, 25.2376.



This preview shows how white text looks on a background with the XYZ color 32.7066, 28.4361,

25.2376.

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

32.7066, 28.4361, 25.2376

Protanopia

27.3633, 28.5989, 28.5040

Deuteranopia

29.0664, 28.4481, 24.7280



Tritanopia

33.4553, 28.5501, 28.5584

Trichromacy



Original Color

32.7066, 28.4361, 25.2376

Protanomaly

28.9263, 28.3203, 27.2343

Deuteranomaly

30.4305, 28.5017, 25.0166

Tritanomaly

33.2370, 28.4628, 27.4090

Monochromacy



Original Color

32.7066, 28.4361, 25.2376

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

29.4558, 28.9804, 29.6325

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.7066, 28.4361, 25.2376 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(187, 131, 131)` looks like.

```
.text, #text, p{  
    color:rgb(187, 131, 131)  
}
```

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(187, 131, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 131, 131) }
```

Border

The CSS property to change the border of an element to XYZ 32.7066, 28.4361, 25.2376 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(187, 131, 131) }
```


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

```
.border{ border-color:rgb(187, 131, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 131, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 131, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 131, 131);  
box-shadow:4px 4px 4px 4px rgb(187, 131,  
131) }
```

Background

The CSS property to change the background color of an element to XYZ 32.7066, 28.4361, 25.2376 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 131, 131) }
```

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

```
.background{ background-color: rgb(187,  
131, 131) }
```

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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