

Converting Colors

XYZ(32.8022, 29.6063, 30.4873)

Have a look what the booklet for
XYZ(32.8022, 29.6063, 30.4873)
contains.

XYZ(32.8021, 29.6082, 30.3717)	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(32.8021, 29.6082,
30.3717)**

Conversions

Conversions Part 1

Format	Color
Hex	B48990
RGB	180, 137, 144
RGB Percent	71%, 54%, 56%
CMY	0.2941, 0.4627, 0.4353
CMYK	0.00, 0.24, 0.20, 0.29
HSL	350°, 22%, 62%
HSV	350°, 24%, 71%
XYZ	32.8021, 29.6082, 30.3717
YIQ	150.6550, 23.3810, 11.2930

Conversions

Conversions Part 2

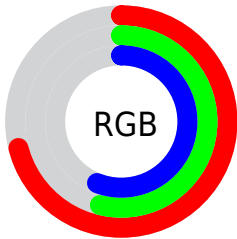
Format	Color
R_{YB}	180, 137, 144
Decimal	11831696
CIE _{Lab}	61.31, 17.46, 2.62
CIE _{LCh}	61, 17.661, 8.545
Yxy	29.6082, 0.3535, 0.3191
Android (android.graphics.Color)	4290021776 (0xFFB48990)
YUV	150.6550, -3.2809, 25.7356
Hunter-Lab	54.4134, 12.3819, 4.9958

Details

The XYZ color **32.8021, 29.6082, 30.3717** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **34.1818, 40.9788, 45.6452**, and the grayscale version is **29.2753, 30.7998, 33.5410**.

A 20% lighter version of the original color is **63.4159, 59.1717, 61.5050**, and **14.0328, 12.0602, 12.1779** is the 20% darker color. If you saturate the color by 10%, you get **29.3777, 24.4811, 23.9215**, and if you desaturate by 10%, it is **36.8089, 35.6532, 37.7754**.

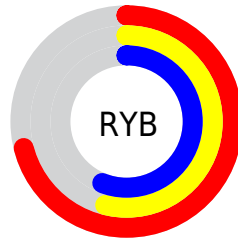
Distribution



Red (71%)

Green (54%)

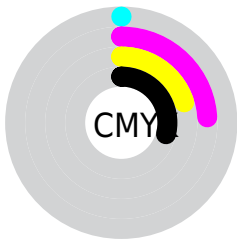
Blue (56%)



Red (71%)

Yellow (54%)

Blue (56%)

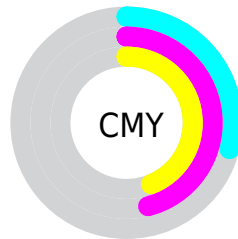


Cyan (0%)

Magenta (24%)

Yellow (20%)

Black (29%)



Cyan (29%)


Magenta (46%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.8021, 29.6082, 30.3717 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 32.8021, 29.6082, 30.3717 by changing the saturation by 10% instead.


 32.8021, 29.6082,
30.3717


 32.8021, 29.6082,
30.3717


306.4378,
300.0739, 317.8943


 22.1334, 19.5414,
19.8664


 63.4232, 59.0420,
61.3174

 14.0721, 12.0621,
12.1149


 84.1063, 79.1778,
82.5950

 8.2529, 6.7860,
6.6985


 108.8582,
103.4387, 108.3004

 4.3103, 3.3286,
3.1987

138.0443,
132.2092, 138.8523

 1.8792, 1.3056,
1.1970

172.0300,
165.8735, 174.6690

 0.5647, 0.1455,
0.0000

211.1805,

 0.0000, 0.0000,

204.8161, 216.1692

0.0000

255.8614,
249.4215, 263.7715

■ 32.8021, 29.6082,
30.3717

■ 32.8021, 29.6082,
30.3717

■ 29.3777, 24.4811,
23.9215

■ 36.8089, 35.6532,
37.7754

■ 26.5059, 20.2232,
18.3841

■ 41.4209, 42.6538,
46.1674

■ 24.1581, 16.7873,
13.7184


■ 46.6628, 50.6503,
55.5830


■ 22.3022, 14.1201,
9.8796


■ 52.5574, 59.6798,
66.0552


■ 20.9024, 12.1620,
6.8187


■ 59.1259, 69.7773,
77.6156

 19.9179, 10.8447,
4.4814

 66.3890, 80.9760,
90.2944

 19.3003, 10.0860,
2.8063

 71.7591, 88.0940,
103.2516

 19.0479, 9.7935,
2.0678

 72.6325, 88.4434,
107.8509

Harmonies

Analogous

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



32.5146, 29.6082, 37.1560



32.8021, 29.6082, 30.3717



31.7881, 29.6082, 24.8949

Triad

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



32.8021, 29.6082, 30.3717



25.4448, 29.6082, 23.2191



26.5367, 29.6082, 45.6949

Complementary

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



32.8021, 29.6082, 30.3717



34.1818, 40.9788, 45.6452

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.



24.7854, 29.6082, 40.9000



32.8021, 29.6082, 30.3717



24.1796, 29.6082, 27.7748

Square

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



32.8021, 29.6082, 30.3717



27.4822, 29.6082, 21.1546



23.9451, 29.6082, 34.1798



28.8117, 29.6082, 46.6423

Rectangle

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



32.8021, 29.6082, 30.3717



30.5416, 29.6082, 22.4965



23.9451, 29.6082, 34.1798



25.8709, 29.6082, 44.4508

Sweetspot

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



32.8029, 29.6096, 30.3723



72.2778, 73.0418, 78.5912



34.3816, 30.0532, 47.1691



15.5144, 15.6238, 16.7914



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



32.8029, 29.6096, 30.3723



55.8679, 48.2726, 48.3017



34.4590, 33.7513, 28.3670



8.5509, 8.5271, 9.1335



13.3112, 6.8421, 1.5330



0.4361, 0.2222, 0.1391

Inverse Universe

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



32.8029, 29.6096, 30.3723



55.8679, 48.2726, 48.3017



32.1315, 35.7661, 48.3904



8.5509, 8.5271, 9.1335



13.3112, 6.8421, 1.5330



0.4361, 0.2222, 0.1391

Previews

White Background



This preview shows how the XYZ color 32.8021, 29.6082, 30.3717 looks on a white background.

Color Contrast Check

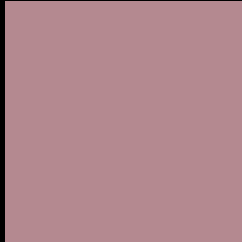
Large Text (above 18pt) WCAG AA ✓ Pass

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 32.8021, 29.6082, 30.3717 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 32.8021, 29.6082, 30.3717

Background



This preview shows how black text looks on a background with the XYZ color 32.8021, 29.6082, 30.3717.



This preview shows how white text looks on a background with the XYZ color 32.8021, 29.6082,

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

32.8021, 29.6082, 30.3717

Protanopia

28.6726, 29.8658, 33.1076

Deuteranopia

30.2974, 29.6274, 30.1084



Tritanopia

33.0345, 29.7012, 31.5956

Trichromacy



Original Color

32.8021, 29.6082, 30.3717

Protanomaly

30.0165, 29.6617, 32.1602

Deuteranomaly

31.0604, 29.5790, 30.0589

Tritanomaly

32.9564, 29.6699, 31.1840

Monochromacy



Original Color

32.8021, 29.6082, 30.3717

Achromatopsia

29.4150, 30.9469, 33.7012

Achromatomaly

30.5245, 30.3773, 32.2716

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.8021, 29.6082, 30.3717 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(180, 137, 144)` looks like.

```
.text, #text, p{  
    color:rgb(180, 137, 144)  
}
```

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(180, 137, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 137, 144) }
```

Border

The CSS property to change the border of an element to XYZ 32.8021, 29.6082, 30.3717 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(180, 137, 144) }
```


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

```
.border{ border-color:rgb(180, 137, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 137, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 137, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 137, 144);  
box-shadow:4px 4px 4px 4px rgb(180, 137,  
144) }
```

Background

The CSS property to change the background color of an element to XYZ 32.8021, 29.6082, 30.3717 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 137, 144) }
```

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

```
.background{ background-color: rgb(180,  
137, 144) }
```

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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