

Converting Colors

XYZ(29.8878, 28.7358, 20.1734)

Have a look what the booklet for
XYZ(29.8878, 28.7358, 20.1734)
contains.

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Color

**XYZ(30.0063, 28.8170,
20.2004)**

Conversions

Conversions Part 1

Format	Color
Hex	AF8B73
RGB	175, 139, 115
RGB Percent	69%, 55%, 45%
CMY	0.3137, 0.4549, 0.5490
CMYK	0.00, 0.21, 0.34, 0.31
HSL	24°, 27%, 57%
HSV	24°, 34%, 69%
XYZ	30.0063, 28.8170, 20.2004
YIQ	147.0280, 29.1600, 0.1680

Conversions

Conversions Part 2

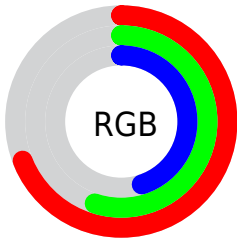
Format	Color
R_{YB}	175, 155, 115
Decimal	11504499
CIE _{Lab}	60.62, 10.20, 18.04
CIE _{LCh}	61, 20.719, 60.513
Yxy	28.8170, 0.3797, 0.3647
Android (android.graphics.Color)	4289694579 (0xFFAF8B73)
YUV	147.0280, -15.7898, 24.5314
Hunter-Lab	53.6815, 5.8335, 15.2661

Details

The XYZ color **30.0063, 28.8170, 20.2004** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **25.8743, 28.8722, 44.7666**, and the grayscale version is **27.8001, 29.2479, 31.8510**.

A 20% lighter version of the original color is **59.3237, 58.0858, 44.6442**, and **12.4707, 11.6150, 6.8948** is the 20% darker color. If you saturate the color by 10%, you get **27.6456, 25.5570, 14.9081**, and if you desaturate by 10%, it is **32.7057, 32.4482, 26.5494**.

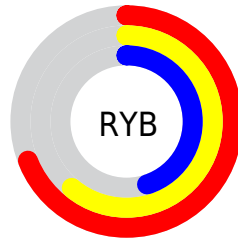
Distribution



Red (69%)

Green (55%)

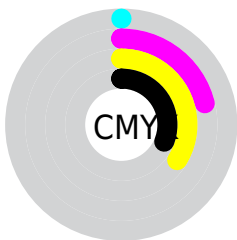
Blue (45%)



Red (69%)

Yellow (61%)

Blue (45%)

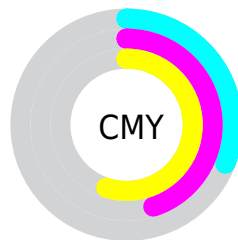


Cyan (0%)

Magenta (21%)

Yellow (34%)

Black (31%)



Cyan (31%)


Magenta (45%)

Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 30.0063, 28.8170, 20.2004 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 30.0063, 28.8170, 20.2004 by changing the saturation by 10% instead.


 30.0063, 28.8170,
20.2004


 30.0063, 28.8170,
20.2004


293.8431,
296.3505, 265.6380


 19.9915, 18.9424,
12.3553


 59.0587, 57.7862,
44.6163

 12.4971, 11.6287,
6.8607


 78.8270, 77.6496,
62.0241

 7.1578, 6.4914,
3.2980


 102.5771,
101.6115, 83.4567

 3.6082, 3.1461,
1.2487

130.6745,
130.0561, 109.3324

 1.4829, 1.2085,
0.0192

163.4844,
163.3679, 140.0698

 0.3142, 0.0686,
0.0000

201.3722,

 0.0000, 0.0000,

201.9313, 176.0875

0.0000

244.7034,
246.1308, 217.8041

■ 30.0063, 28.8170,
20.2004

■ 30.0063, 28.8170,
20.2004

■ 27.6456, 25.5570,
14.9081

■ 32.7057, 32.4482,
26.5494

■ 25.6064, 22.6516,
10.6123

■ 35.7555, 36.4584,
34.0073

■ 23.8733, 20.0889,
7.2492

■ 39.1695, 40.8603,
42.6250

■ 22.4284, 17.8545,
4.7469

■ 42.9601, 45.6645,
52.4495

■ 21.2515, 15.9328,
3.0228

■ 47.1391, 50.8816,
63.5254

■ 20.3192, 14.3063,
1.9777

■ 51.7176, 56.5213,
75.8949

■ 19.8700, 13.4957,
1.5577

■ 56.7064, 62.5934,
89.5982

■ 62.1157, 69.1069,
104.6729

■ 65.0082, 74.8921,
105.6371

Harmonies

Analogous

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



32.0751, 28.8170, 24.4621



30.0063, 28.8170, 20.2004



27.3436, 28.8170, 18.8082

Triad

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



30.0063, 28.8170, 20.2004



22.5515, 28.8170, 31.5091



30.0913, 28.8170, 45.8918

Complementary

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



30.0063, 28.8170, 20.2004



25.8743, 28.8722, 44.7666

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.



27.4358, 28.8170, 48.5760



30.0063, 28.8170, 20.2004



23.1843, 28.8170, 39.4854

Square

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



30.0063, 28.8170, 20.2004



23.1431, 28.8170, 24.6564



24.9298, 28.8170, 46.0622



32.1264, 28.8170, 39.2193

Rectangle

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



30.0063, 28.8170, 20.2004



25.6227, 28.8170, 19.4812



24.9298, 28.8170, 46.0622



29.2361, 28.8170, 47.3348

Sweetspot

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



30.0070, 28.8183, 20.2010



66.4710, 68.4516, 66.9963



29.3960, 23.6101, 32.2862



14.5899, 14.9762, 14.4285



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



30.0070, 28.8183, 20.2010



50.5457, 47.2148, 28.9672



34.9617, 38.7277, 21.8525



8.2584, 8.5215, 8.4229



14.2865, 9.7784, 1.1344



0.4519, 0.3809, 0.0497

Inverse Universe

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



25.8743, 28.8722, 44.7666



42.0277, 47.3110, 79.5537



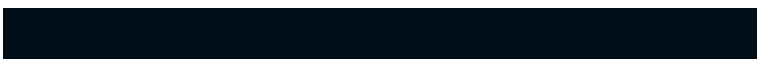
21.6458, 20.4151, 43.3570



7.9634, 8.5262, 10.1787



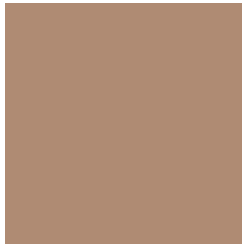
9.2195, 9.5729, 30.4063



0.3081, 0.3695, 0.8631

Previews

White Background



This preview shows how the XYZ color 30.0063, 28.8170, 20.2004 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 30.0063, 28.8170, 20.2004 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 30.0063, 28.8170, 20.2004

Background



This preview shows how black text looks on a background with the XYZ color 30.0063, 28.8170, 20.2004.



This preview shows how white text looks on a background with the XYZ color 30.0063, 28.8170,

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

30.0063, 28.8170, 20.2004

Protanopia

27.0665, 28.8343, 21.2786

Deuteranopia

29.4140, 28.9455, 20.2564



Tritanopia

32.1349, 28.8373, 30.6605

Trichromacy



Original Color

30.0063, 28.8170, 20.2004

Protanomaly

27.9336, 28.6107, 20.8798

Deuteranomaly

29.4859, 28.7646, 20.2177

Tritanomaly

31.2387, 28.6767, 26.4429

Monochromacy



Original Color

30.0063, 28.8170, 20.2004

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

28.2511, 28.8639, 27.0040

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.0063, 28.8170, 20.2004 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(175, 139, 115)` looks like.

```
.text, #text, p{  
    color:rgb(175, 139, 115)  
}
```

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(175, 139, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 139, 115) }
```

Border

The CSS property to change the border of an element to XYZ 30.0063, 28.8170, 20.2004 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(175, 139, 115) }
```


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

```
.border{ border-color:rgb(175, 139, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 139, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 139, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 139, 115);  
box-shadow:4px 4px 4px 4px rgb(175, 139,  
115) }
```

Background

The CSS property to change the background color of an element to XYZ 30.0063, 28.8170, 20.2004 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 139, 115) }
```

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

```
.background{ background-color: rgb(175,  
139, 115) }
```

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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