

Converting Colors

XYZ(32.8023, 28.6878, 19.9528)

Have a look what the booklet for
XYZ(32.8023, 28.6878, 19.9528)
contains.

XYZ(32.6967, 28.5468, 20.0064)	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(32.6967, 28.5468,
20.0064)**

Conversions

Conversions Part 1

Format	Color
Hex	BF8373
RGB	191, 131, 115
RGB Percent	75%, 51%, 45%
CMY	0.2510, 0.4863, 0.5490
CMYK	0.00, 0.31, 0.40, 0.25
HSL	13°, 37%, 60%
HSV	13°, 40%, 75%
XYZ	32.6967, 28.5468, 20.0064
YIQ	147.1160, 40.8960, 7.7440

Conversions

Conversions Part 2

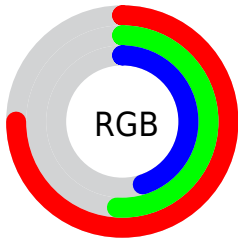
Format	Color
R_{YB}	191, 135, 115
Decimal	12551027
CIE _{Lab}	60.38, 21.12, 17.99
CIE _{LCh}	60, 27.741, 40.421
Yxy	28.5468, 0.4024, 0.3513
Android (android.graphics.Color)	4290741107 (0xFFBF8373)
YUV	147.1160, -15.8332, 38.4863
Hunter-Lab	53.4292, 15.7343, 15.1995

Details

The XYZ color **32.6967, 28.5468, 20.0064** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **31.8035, 38.0648, 54.9613**, and the grayscale version is **27.8334, 29.2829, 31.8891**.

A 20% lighter version of the original color is **63.1825, 57.2107, 44.2719**, and **13.9472, 11.4410, 6.7834** is the 20% darker color. If you saturate the color by 10%, you get **29.8296, 24.3931, 14.1786**, and if you desaturate by 10%, it is **36.0877, 33.3838, 27.1329**.

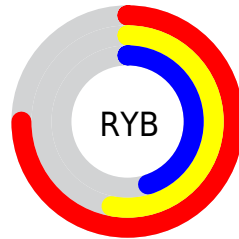
Distribution



Red (75%)

Green (51%)

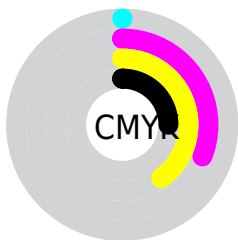
Blue (45%)



Red (75%)

Yellow (53%)

Blue (45%)

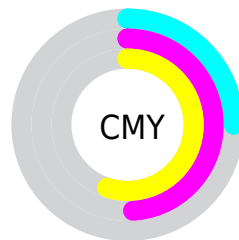


Cyan (0%)

Magenta (31%)

Yellow (40%)

Black (25%)



Cyan (25%)


Magenta (49%)

Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.6967, 28.5468, 20.0064 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 32.6967, 28.5468, 20.0064 by changing the saturation by 10% instead.


 32.6967, 28.5468,
20.0064


 32.6967, 28.5468,
20.0064


305.9700,
295.0706, 264.5551

 22.0523, 18.7383,
12.2156


 63.2596, 57.3563,
44.2870

 14.0122, 11.4813,
6.7663


 83.9088, 77.1260,
61.6139

 8.2109, 6.3915,
3.2402


 108.6236,
100.9848, 82.9565

 4.2831, 3.0846,
1.2185

137.7695,
129.3173, 108.7335

 1.8635, 1.1761,
0.0000

171.7117,
162.5077, 139.3633

 0.5555, 0.0420,
0.0000

210.8156,

 0.0000, 0.0000,

200.9404, 175.2645

0.0000

255.4466,
244.9999, 216.8556

■ 32.6967, 28.5468,
20.0064

■ 32.6967, 28.5468,
20.0064

■ 29.8296, 24.3931,
14.1786

■ 36.0877, 33.3838,
27.1329

■ 27.4575, 20.8875,
9.5689

■ 40.0253, 38.9289,
35.6286

■ 25.5516, 17.9980,
6.0905


■ 44.5334, 45.2109,
45.5609


■ 24.0793, 15.6878,
3.6439


■ 49.6340, 52.2555,
56.9922


■ 23.0034, 13.9164,
2.1125


■ 55.3477, 60.0873,
69.9814


 22.2651, 12.6314,
1.2761

 61.6941, 68.7298,
84.5840

 22.2522, 12.6089,
1.2609

 68.6922, 78.2055,
100.8529

 74.2296, 87.6838,
107.6201

 75.2959, 89.8164,
107.9755

Harmonies

Analogous

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



34.4531, 28.5468, 27.6632



32.6967, 28.5468, 20.0064



29.4969, 28.5468, 16.0053

Triad

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



32.6967, 28.5468, 20.0064



21.1700, 28.5468, 24.9537



28.3925, 28.5468, 54.6810

Complementary

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



32.6967, 28.5468, 20.0064



31.8035, 38.0648, 54.9613

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.



24.8987, 28.5468, 53.5066



32.6967, 28.5468, 20.0064



20.9307, 28.5468, 34.7728

Square

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



32.6967, 28.5468, 20.0064



22.9241, 28.5468, 18.3982



22.2390, 28.5468, 45.6382



31.8276, 28.5468, 48.5637

Rectangle

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



32.6967, 28.5468, 20.0064



27.0825, 28.5468, 15.2870



22.2390, 28.5468, 45.6382



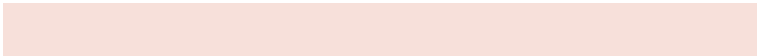
27.1833, 28.5468, 55.1538

Sweetspot

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



32.6974, 28.5482, 20.0070



77.7266, 78.1500, 77.0899



35.4334, 26.4648, 44.2114



16.8279, 16.8270, 16.3973



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.



32.6974, 28.5482, 20.0070



53.9124, 44.4001, 26.3660



38.6201, 40.3935, 21.9812



9.6886, 9.8533, 9.9679



14.6723, 8.3833, 0.8448



0.6230, 0.4250, 0.0492

Inverse Universe

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



31.8035, 38.0648, 54.9613



52.0523, 63.8021, 97.8507



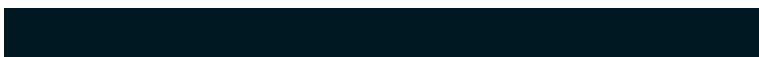
25.5342, 25.5263, 52.8715



9.6334, 10.4591, 12.1833



13.4893, 17.0904, 34.9807



0.5719, 0.7566, 1.3847

Previews

White Background



This preview shows how the XYZ color 32.6967, 28.5468, 20.0064 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 32.6967, 28.5468, 20.0064 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

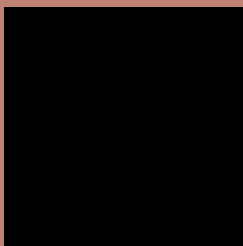
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 32.6967, 28.5468, 20.0064

Background



This preview shows how black text looks on a background with the XYZ color 32.6967, 28.5468, 20.0064.



This preview shows how white text looks on a background with the XYZ color 32.6967, 28.5468,

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

32.6967, 28.5468, 20.0064

Protanopia

27.1182, 28.8329, 22.5484

Deuteranopia

29.1533, 28.6063, 19.6078



Tritanopia

34.2268, 28.5819, 27.3798

Trichromacy



Original Color

32.6967, 28.5468, 20.0064

Protanomaly

28.7910, 28.5972, 21.4551

Deuteranomaly

30.3430, 28.5712, 19.8351

Tritanomaly

33.5509, 28.4920, 24.5000

Monochromacy



Original Color

32.6967, 28.5468, 20.0064

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

29.0023, 28.5856, 26.9106

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.6967, 28.5468, 20.0064 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(191, 131, 115)` looks like.

```
.text, #text, p{  
    color:rgb(191, 131, 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(191, 131, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 131, 115) }
```

Border

The CSS property to change the border of an element to XYZ 32.6967, 28.5468, 20.0064 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(191, 131, 115) }
```


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

```
.border{ border-color:rgb(191, 131, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 131, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 131, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 131, 115);  
box-shadow:4px 4px 4px 4px rgb(191, 131,  
115) }
```

Background

The CSS property to change the background color of an element to XYZ 32.6967, 28.5468, 20.0064 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 131, 115) }
```

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

```
.background{ background-color: rgb(191,  
131, 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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