

Converting Colors

XYZ(31.8786, 30.0755, 24.4186)

Have a look what the booklet for
XYZ(31.8786, 30.0755, 24.4186)
contains.

XYZ(32.0116, 30.1920, 24.5625)	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(32.0116, 30.1920,
24.5625)**

Conversions

Conversions Part 1

Format	Color
Hex	B38D80
RGB	179, 141, 128
RGB Percent	70%, 55%, 50%
CMY	0.2980, 0.4470, 0.4980
CMYK	0.00, 0.21, 0.28, 0.30
HSL	15°, 25%, 60%
HSV	15°, 28%, 70%
XYZ	32.0116, 30.1920, 24.5625
YIQ	150.8800, 26.8210, 4.0130

Conversions

Conversions Part 2

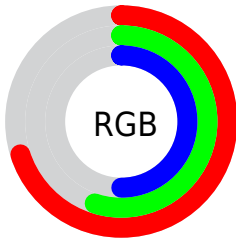
Format	Color
R _Y B	179, 145, 128
Decimal	11767168
CIE Lab	61.82, 12.45, 12.42
CIE LCh	62, 17.586, 44.939
Yxy	30.1920, 0.3689, 0.3480
Android (android.graphics.Color)	4289957248 (0xFFB38D80)
YUV	150.8800, -11.2798, 24.6612
Hunter-Lab	54.9472, 7.8343, 11.9593

Details

The XYZ color **32.0116, 30.1920, 24.5625** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **30.6746, 35.1153, 47.8092**, and the grayscale version is **29.4034, 30.9347, 33.6879**.

A 20% lighter version of the original color is **62.4477, 60.1993, 52.0443**, and **13.6098, 12.4067, 9.0745** is the 20% darker color. If you saturate the color by 10%, you get **29.0865, 26.0638, 18.2785**, and if you desaturate by 10%, it is **35.3830, 34.8798, 32.0214**.

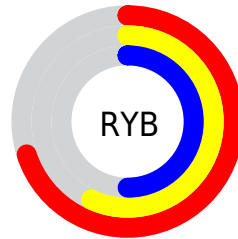
Distribution



Red (70%)

Green (55%)

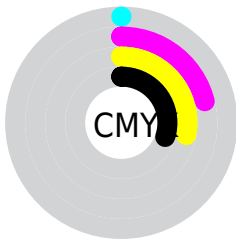
Blue (50%)



Red (70%)

Yellow (57%)

Blue (50%)

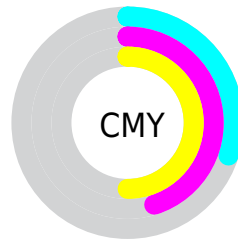


Cyan (0%)

Magenta (21%)

Yellow (28%)

Black (30%)



Cyan (30%)


Magenta (45%)


Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.0116, 30.1920, 24.5625 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 32.0116, 30.1920, 24.5625 by changing the saturation by 10% instead.


 32.0116, 30.1920,
24.5625


 32.0116, 30.1920,
24.5625


302.9164,
302.7984, 289.0297

 21.5259, 19.9844,
15.5354


 62.1943, 59.9657,
51.9019

 13.6236, 12.3837,
9.0452


 82.6221, 80.3005,
71.0512

 7.9393, 7.0055,
4.6735


 107.0947,
104.7799, 94.4116

 4.1076, 3.4656,
2.0016

135.9774,
133.7882, 122.4017

 1.7632, 1.3794,
0.5563

169.6356,
167.7098, 155.4400

 0.4953, 0.2014,
0.0000

208.4346,

 0.0000, 0.0000,

206.9291, 193.9451

0.0000

252.7397,
251.8305, 238.3355

■ 32.0116, 30.1920,
24.5625

■ 32.0116, 30.1920,
24.5625

■ 29.0865, 26.0638,
18.2785

■ 35.3830, 34.8798,
32.0214

■ 26.5860, 22.4698,
13.1072

■ 39.2164, 40.1429,
40.7093

■ 24.4900, 19.3889,
8.9835

■ 43.5296, 46.0017,
50.6792

■ 22.7761, 16.7971,
5.8347

■ 48.3387, 52.4742,
61.9803

■ 21.4190, 14.6680,
3.5787

■ 53.6592, 59.5777,
74.6595

■ 20.3903, 12.9727,
2.1195

■ 59.5058, 67.3289,
88.7611

■ 19.6481, 11.6753,
1.2955

■ 65.8926, 75.7436,
104.3275

■ 19.5535, 11.5098,
1.1910

■ 70.1134, 83.7496,
107.0777

■ 72.4005, 88.3237,
107.8400

Harmonies

Analogous

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



33.2823, 30.1920, 29.6529



32.0116, 30.1920, 24.5625



29.8855, 30.1920, 21.9047

Triad

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



32.0116, 30.1920, 24.5625



24.5550, 30.1920, 29.6281



29.8759, 30.1920, 47.0121

Complementary

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



32.0116, 30.1920, 24.5625



30.6746, 35.1153, 47.8092

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.



27.5397, 30.1920, 47.0030



32.0116, 30.1920, 24.5625



24.5528, 30.1920, 36.3202

Square

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



32.0116, 30.1920, 24.5625



25.6250, 30.1920, 24.5465



25.6187, 30.1920, 42.8761



32.0043, 30.1920, 42.8993

Rectangle

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



32.0116, 30.1920, 24.5625



28.3097, 30.1920, 21.6040



25.6187, 30.1920, 42.8761



29.0869, 30.1920, 47.5074

Sweetspot

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



32.0124, 30.1934, 24.5631



69.7553, 71.2391, 71.8109



33.2157, 27.7848, 39.8093



15.2250, 15.4695, 15.3861



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.



32.0124, 30.1934, 24.5631



54.0527, 49.4598, 36.9011



36.1687, 38.5059, 25.9485



8.6667, 8.8458, 8.9032



13.8628, 8.2241, 0.8568



0.4839, 0.3542, 0.0429

Inverse Universe

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



30.6746, 35.1153, 47.8092



51.2652, 59.6698, 85.1966



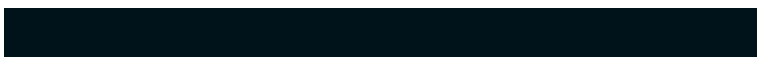
26.5272, 26.8203, 46.4267



8.5556, 9.2574, 10.8423



11.7658, 14.3320, 32.2832



0.4138, 0.5380, 1.0303

Previews

White Background



This preview shows how the XYZ color 32.0116, 30.1920, 24.5625 looks on a white background.

Color Contrast Check

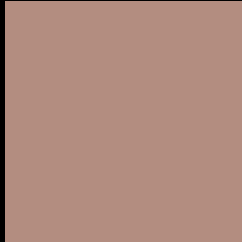
Large Text (above 18pt) WCAG AA × Fail

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 32.0116, 30.1920, 24.5625 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 32.0116, 30.1920, 24.5625

Background



This preview shows how black text looks on a background with the XYZ color 32.0116, 30.1920, 24.5625.



This preview shows how white text looks on a background with the XYZ color 32.0116, 30.1920,

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

32.0116, 30.1920, 24.5625

Protanopia

28.6226, 30.2288, 26.1560

Deuteranopia

30.8173, 30.2495, 24.2932



Tritanopia

33.5693, 30.1706, 32.4880

Trichromacy



Original Color

32.0116, 30.1920, 24.5625

Protanomaly

29.6855, 30.0890, 25.7159

Deuteranomaly

31.3324, 30.2912, 24.2741

Tritanomaly

32.8627, 30.0916, 29.2755

Monochromacy



Original Color

32.0116, 30.1920, 24.5625

Achromatopsia

29.4150, 30.9469, 33.7012

Achromatomaly

30.0896, 30.4277, 30.2738

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.0116, 30.1920, 24.5625 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(179, 141, 128)` looks like.

```
.text, #text, p{  
    color:rgb(179, 141, 128)  
}
```

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(179, 141, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 141, 128) }
```

Border

The CSS property to change the border of an element to XYZ 32.0116, 30.1920, 24.5625 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(179, 141, 128) }
```


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

```
.border{ border-color:rgb(179, 141, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 141, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 141, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 141, 128);  
box-shadow:4px 4px 4px 4px rgb(179, 141,  
128) }
```

Background

The CSS property to change the background color of an element to XYZ 32.0116, 30.1920, 24.5625 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 141, 128) }
```

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

```
.background{ background-color: rgb(179,  
141, 128) }
```

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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