

Converting Colors

XYZ(32.3684, 26.8502, 19.3962)

Have a look what the booklet for
XYZ(32.3684, 26.8502, 19.3962)
contains.

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Color

**XYZ(32.3684, 26.8502,
19.3962)**

Conversions

Conversions Part 1

Format	Color
Hex	C27B72
RGB	194, 123, 114
RGB Percent	76%, 48%, 45%
CMY	0.2392, 0.5176, 0.5529
CMYK	0.00, 0.37, 0.41, 0.24
HSL	7°, 40%, 60%
HSV	7°, 41%, 76%
XYZ	32.3684, 26.8502, 19.3962
YIQ	143.2030, 45.2050, 12.2530

Conversions

Conversions Part 2

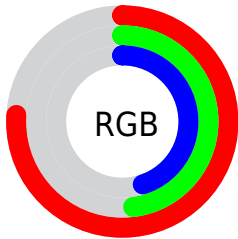
Format	Color
RYB	194, 124, 114
Decimal	12745586
CIELab	58.84, 26.60, 16.49
CIElCh	59, 31.297, 31.802
Yxy	26.8502, 0.4117, 0.3415
Android (android.graphics.Color)	4290935666 (0xFFC27B72)
YUV	143.2030, -14.3971, 44.5490
Hunter-Lab	51.8172, 20.8227, 14.0786

Details

The XYZ color **32.3684, 26.8502, 19.3962** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **34.0252, 42.1686, 57.3850**, and the grayscale version is **26.2333, 27.5994, 30.0558**.

A 20% lighter version of the original color is **62.9163, 54.6865, 43.3159**, and **13.8471, 10.5617, 6.4630** is the 20% darker color. If you saturate the color by 10%, you get **29.4279, 22.5530, 13.5338**, and if you desaturate by 10%, it is **35.9201, 31.9950, 26.6183**.

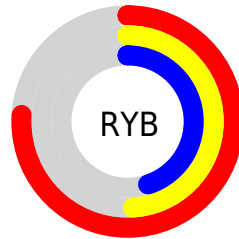
Distribution



Red (76%)

Green (48%)

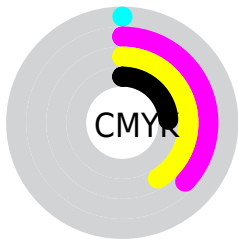
Blue (45%)



Red (76%)

Yellow (49%)

Blue (45%)

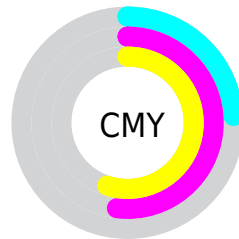


Cyan (0%)

Magenta (37%)

Yellow (41%)

Black (24%)



Cyan (24%)


Magenta (52%)


Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.3684, 26.8502, 19.3962 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 32.3684, 26.8502, 19.3962 by changing the saturation by 10% instead.


 32.3684, 26.8502,
19.3962


 32.3684, 26.8502,
19.3962


304.5096,
286.9311, 261.1226


 21.8000, 17.4607,
11.7772


 62.7495, 54.6434,
43.2481


 13.8258, 10.5635,
6.4715


 83.2928, 73.8159,
60.3181

 8.0805, 5.7742,
3.0604


 107.8919, 97.0183,
81.3755

 4.1987, 2.7083,
1.1256

 136.9119,
124.6348, 106.8388

 1.8152, 0.9814,
0.0000

170.7184,
157.0500, 137.1267

 0.5268, 0.0000,
0.0000

209.6765,

 0.0000, 0.0000,

194.6482, 172.6576

0.0000

254.1518,
237.8137, 213.8500

■ 32.3684, 26.8502,
19.3962

■ 32.3684, 26.8502,
19.3962

■ 29.4279, 22.5530,
13.5338

■ 35.9201, 31.9950,
26.6183

■ 27.0619, 19.0539,
8.9442

■ 40.1127, 38.0252,
35.2763

■ 25.2330, 16.3048,
5.5331


■ 44.9767, 44.9813,
45.4428

■ 23.8984, 14.2505,
3.1924

■ 50.5397, 52.9001,
57.1847


■ 23.0085, 12.8282,
1.7938

■ 56.8281, 61.8164,
70.5653

 22.5319, 12.0369,
1.1358

 63.8665, 71.7632,
85.6441

 71.6788, 82.7720,
102.4777

 76.0581, 90.2093,
108.0112

Harmonies

Analogous

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



33.6883, 26.8502, 28.5715



32.3684, 26.8502, 19.3962



29.1938, 26.8502, 14.2085

Triad

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



32.3684, 26.8502, 19.3962



19.5174, 26.8502, 20.2909



25.7546, 26.8502, 56.0709

Complementary

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



32.3684, 26.8502, 19.3962



34.0252, 42.1686, 57.3850

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.



22.1687, 26.8502, 52.2784



32.3684, 26.8502, 19.3962



18.7924, 26.8502, 29.9093

Square

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



32.3684, 26.8502, 19.3962



21.8025, 26.8502, 14.6259



19.7134, 26.8502, 41.9406



29.6385, 26.8502, 51.2992

Rectangle

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



32.3684, 26.8502, 19.3962



26.5943, 26.8502, 12.8293



19.7134, 26.8502, 41.9406



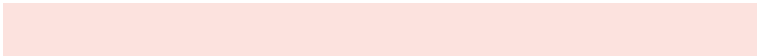
24.4756, 26.8502, 55.7522

Sweetspot

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



32.3691, 26.8515, 19.3967



80.5922, 80.2187, 80.4530



37.1285, 27.0494, 49.7186



17.3791, 17.1820, 17.0526



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



32.3691, 26.8515, 19.3967



54.0273, 41.9047, 25.9225



38.2059, 38.5251, 21.3423



10.1625, 10.2564, 10.5059



14.8451, 7.9760, 0.7571



0.6725, 0.4068, 0.0431

Inverse Universe

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



34.0252, 42.1686, 57.3850



57.3855, 73.1606, 103.5667



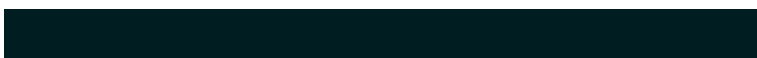
26.9562, 28.0305, 55.0286



10.2686, 11.2286, 12.9109



16.1599, 22.0763, 36.9661



0.7263, 1.0100, 1.6066

Previews

White Background



This preview shows how the XYZ color 32.3684, 26.8502, 19.3962 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 32.3684, 26.8502, 19.3962 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

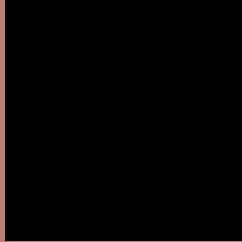
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 32.3684, 26.8502, 19.3962

Background



This preview shows how black text looks on a background with the XYZ color 32.3684, 26.8502, 19.3962.



This preview shows how white text looks on a background with the XYZ color 32.3684, 26.8502,

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

32.3684, 26.8502, 19.3962

Protanopia

25.6426, 27.1656, 22.6309

Deuteranopia

27.4547, 26.8852, 19.0716



Tritanopia

33.3723, 26.8886, 24.5502

Trichromacy



Original Color

32.3684, 26.8502, 19.3962

Protanomaly

27.5712, 26.6833, 21.4665

Deuteranomaly

29.0014, 26.6550, 19.2392

Tritanomaly

33.1033, 26.9764, 22.5310

Monochromacy



Original Color

32.3684, 26.8502, 19.3962

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

27.8693, 26.9556, 25.5639

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.3684, 26.8502, 19.3962 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(194, 123, 114)` looks like.

```
.text, #text, p{  
    color:rgb(194, 123, 114)  
}
```

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(194, 123, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 123, 114) }
```

Border

The CSS property to change the border of an element to XYZ 32.3684, 26.8502, 19.3962 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(194, 123, 114) }
```


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

```
.border{ border-color:rgb(194, 123, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 123, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 123, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 123, 114);  
box-shadow:4px 4px 4px 4px rgb(194, 123,  
114) }
```

Background

The CSS property to change the background color of an element to XYZ 32.3684, 26.8502, 19.3962 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 123, 114) }
```

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

```
.background{ background-color: rgb(194,  
123, 114) }
```

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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