

Converting Colors

XYZ(32.8142, 27.9459, 18.3630)

Have a look what the booklet for
XYZ(32.8142, 27.9459, 18.3630)
contains.

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Color

**XYZ(32.6520, 27.7739,
18.3918)**

Conversions

Conversions Part 1

Format	Color
Hex	C27F6E
RGB	194, 127, 110
RGB Percent	76%, 50%, 43%
CMY	0.2392, 0.5019, 0.5686
CMYK	0.00, 0.35, 0.43, 0.24
HSL	12°, 41%, 60%
HSV	12°, 43%, 76%
XYZ	32.6520, 27.7739, 18.3918
YIQ	145.0950, 45.3890, 8.9170

Conversions

Conversions Part 2

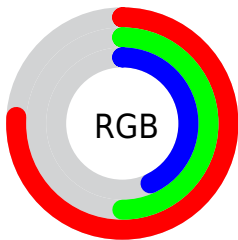
Format	Color
RYB	194, 131, 110
Decimal	12746606
CIELab	59.68, 23.96, 19.93
CIELCh	60, 31.166, 39.760
Yxy	27.7739, 0.4143, 0.3524
Android (android.graphics.Color)	4290936686 (0xFFC27F6E)
YUV	145.0950, -17.3018, 42.8897
Hunter-Lab	52.7009, 18.3668, 16.1994

Details

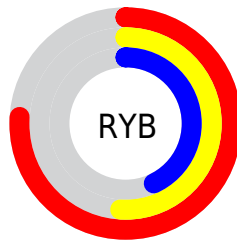
The XYZ color **32.6520, 27.7739, 18.3918** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **31.8894, 38.6526, 56.8188**, and the grayscale version is **27.0081, 28.4147, 30.9436**.

A 20% lighter version of the original color is **63.3509, 56.1338, 41.6784**, and **14.0046, 11.0588, 5.9539** is the 20% darker color. If you saturate the color by 10%, you get **29.8620, 23.7032, 12.8088**, and if you desaturate by 10%, it is **35.9816, 32.5536, 25.2960**.

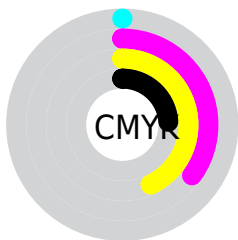
Distribution



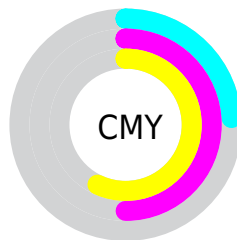
- Red (76%)
- Green (50%)
- Blue (43%)



- Red (76%)
- Yellow (51%)
- Blue (43%)



- Cyan (0%)
- Magenta (35%)
- Yellow (43%)
- Black (24%)





- Cyan (24%)
- Magenta (50%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.6520, 27.7739, 18.3918 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 32.6520, 27.7739, 18.3918 by changing the saturation by 10% instead.


 32.6520, 27.7739,
18.3918


 32.6520, 27.7739,
18.3918


305.7715,
291.3849, 255.3801


 22.0179, 18.1553,
11.0593


 63.1902, 56.1233,
41.5267


 13.9868, 11.0615,
5.9921


 83.8250, 75.6228,
58.1663

 8.1931, 6.1082,
2.7715


 108.5241, 99.1848,
78.7452

 4.2716, 2.9110,
0.9792

 137.6528,
127.1936, 103.6821

 1.8569, 1.0855,
0.0000

171.5766,
160.0336, 133.3955

 0.5516, 0.0000,
0.0000

210.6607,

 0.0000, 0.0000,

198.0892, 168.3039

0.0000

255.2706,
241.7449, 208.8260

■ 32.6520, 27.7739,
18.3918

■ 32.6520, 27.7739,
18.3918

■ 29.8620, 23.7032,
12.8088

■ 35.9816, 32.5536,
25.2960

■ 27.5802, 20.3035,
8.4605

■ 39.8755, 38.0699,
33.5971

■ 25.7753, 17.5391,
5.2523


■ 44.3597, 44.3538,
43.3672


■ 24.4112, 15.3695,
3.0753


■ 49.4576, 51.4336,
54.6728


■ 23.4461, 13.7491,
1.7989


■ 55.1914, 59.3358,
67.5762

 22.9826, 12.9383,
1.2860

 61.5824, 68.0858,
82.1365

 68.6506, 77.7079,
98.4096

 74.7289, 87.5509,
107.5681

 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.



34.5787, 27.7739, 26.7145



32.6520, 27.7739, 18.3918



29.1032, 27.7739, 14.1263

Triad

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



32.6520, 27.7739, 18.3918



19.9168, 27.7739, 23.3472



27.7017, 27.7739, 57.0165

Complementary

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



32.6520, 27.7739, 18.3918



31.8894, 38.6526, 56.8188

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.



23.8664, 27.7739, 55.4674



32.6520, 27.7739, 18.3918



19.6219, 27.7739, 34.0650

Square

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



32.6520, 27.7739, 18.3918



21.8490, 27.7739, 16.4552



20.9988, 27.7739, 46.3242



31.5389, 27.7739, 50.1435

Rectangle

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



32.6520, 27.7739, 18.3918



26.4300, 27.7739, 13.3362



20.9988, 27.7739, 46.3242



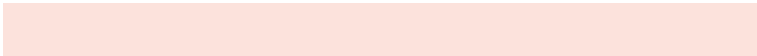
26.3666, 27.7739, 57.4962

Sweetspot

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



32.6527, 27.7753, 18.3923



80.4488, 80.4698, 78.7467



35.7799, 25.8037, 44.7944



17.1957, 17.0332, 16.3189



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.



32.6527, 27.7753, 18.3923



54.3209, 43.2660, 23.6339



39.2135, 40.8968, 20.5793



10.2347, 10.4008, 10.5300



15.1582, 8.6021, 0.8614



0.7049, 0.4715, 0.0539

Inverse Universe

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



31.8894, 38.6526, 56.8188



52.7145, 65.4596, 102.3264



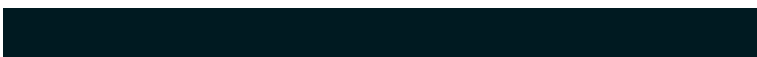
24.8601, 24.5941, 54.4757



10.1898, 11.0709, 12.8847



14.1382, 18.0328, 36.2921



0.6558, 0.8690, 1.5831

Previews

White Background



This preview shows how the XYZ color 32.6520, 27.7739, 18.3918 looks on a white background.

Color Contrast Check

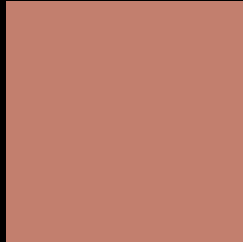
Large Text (above 18pt) WCAG AA ✓ Pass

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 32.6520, 27.7739, 18.3918 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 32.6520, 27.7739, 18.3918

Background



This preview shows how black text looks on a background with the XYZ color 32.6520, 27.7739, 18.3918.



This preview shows how white text looks on a background with the XYZ color 32.6520, 27.7739,

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

32.6520, 27.7739, 18.3918

Protanopia

26.3801, 28.0268, 21.1589

Deuteranopia

28.3728, 27.8057, 18.0590



Tritanopia

34.2062, 27.8445, 25.7620

Trichromacy



Original Color

32.6520, 27.7739, 18.3918

Protanomaly

28.3314, 27.7396, 20.0807

Deuteranomaly

29.8758, 27.7380, 18.2473

Tritanomaly

33.5410, 27.7500, 22.9905

Monochromacy



Original Color

32.6520, 27.7739, 18.3918

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

28.3576, 27.6294, 25.6682

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.6520, 27.7739, 18.3918 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, 127, 110)` looks like.

```
.text, #text, p{  
    color:rgb(194, 127, 110)  
}
```

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, 127, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 127, 110) }
```

Border

The CSS property to change the border of an element to XYZ 32.6520, 27.7739, 18.3918 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, 127, 110) }
```


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

```
.border{ border-color:rgb(194, 127, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 127, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 127, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 127, 110);  
box-shadow:4px 4px 4px 4px rgb(194, 127,  
110) }
```

Background

The CSS property to change the background color of an element to XYZ 32.6520, 27.7739, 18.3918 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 127, 110) }
```

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

```
.background{ background-color: rgb(194,  
127, 110) }
```

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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