

Converting Colors

XYZ(32.3484, 27.3368, 19.2520)

Have a look what the booklet for
XYZ(32.3484, 27.3368, 19.2520)
contains.

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Color

**XYZ(32.4338, 27.4514,
19.2120)**

Conversions

Conversions Part 1

Format	Color
Hex	C17E71
RGB	193, 126, 113
RGB Percent	76%, 49%, 44%
CMY	0.2431, 0.5059, 0.5569
CMYK	0.00, 0.35, 0.41, 0.24
HSL	10°, 39%, 60%
HSV	10°, 41%, 76%
XYZ	32.4338, 27.4514, 19.2120
YIQ	144.5510, 44.1050, 10.1610

Conversions

Conversions Part 2

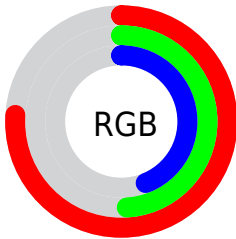
Format	Color
RYB	193, 129, 113
Decimal	12680817
CIELab	59.39, 24.44, 17.81
CIElCh	59, 30.242, 36.072
Yxy	27.4514, 0.4100, 0.3471
Android (android.graphics.Color)	4290870897 (0xFFC17E71)
YUV	144.5510, -15.5546, 42.4898
Hunter-Lab	52.3941, 18.8082, 14.9352

Details

The XYZ color **32.4338, 27.4514, 19.2120** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **32.7562, 40.0019, 56.4467**, and the grayscale version is **26.7807, 28.1754, 30.6830**.

A 20% lighter version of the original color is **62.6953, 55.4660, 42.9989**, and **13.8551, 10.8689, 6.3687** is the 20% darker color. If you saturate the color by 10%, you get **29.5582, 23.2581, 13.4509**, and if you desaturate by 10%, it is **35.8758, 32.4076, 26.3024**.

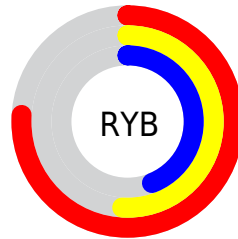
Distribution



Red (76%)

Green (49%)

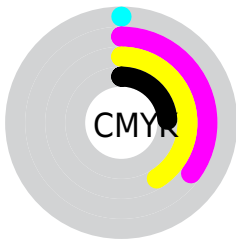
Blue (44%)



Red (76%)

Yellow (51%)

Blue (44%)

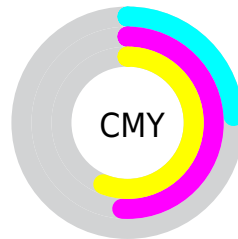


Cyan (0%)

Magenta (35%)

Yellow (41%)

Black (24%)



Cyan (24%)


Magenta (51%)


Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.4338, 27.4514, 19.2120 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 32.4338, 27.4514, 19.2120 by changing the saturation by 10% instead.


 32.4338, 27.4514,
19.2120


 32.4338, 27.4514,
19.2120


304.8009,
289.8361, 260.0782


 21.8502, 17.9125,
11.6452


 62.8511, 55.6074,
42.9335


 13.8629, 10.8872,
6.3830


 83.4156, 74.9933,
59.9252

 8.1064, 5.9910,
3.0068


 108.0378, 98.4303,
80.8958

 4.2155, 2.8396,
1.0981

 137.0829,
126.3028, 106.2635

 1.8248, 1.0486,
0.0000

170.9165,
158.9953, 136.4471

 0.5325, 0.0000,
0.0000

209.9037,

 0.0000, 0.0000,

196.8921, 171.8651

0.0000

254.4101,
240.3775, 212.9360

■ 32.4338, 27.4514,
19.2120

■ 32.4338, 27.4514,
19.2120

■ 29.5582, 23.2581,
13.4509

■ 35.8758, 32.4076,
26.3024

■ 27.2162, 19.7858,
8.9342

■ 39.9105, 38.1580,
34.7965

■ 25.3745, 16.9946,
5.5701


■ 44.5651, 44.7370,
44.7649


■ 23.9954, 14.8390,
3.2527

■ 49.8644, 52.1757,
56.2733


■ 23.0353, 13.2678,
1.8569

■ 55.8320, 60.5036,
69.3831

 22.4921, 12.3370,
1.1958

 62.4901, 69.7489,
84.1525

 69.8600, 79.9385,
100.6368

 75.8023, 90.0774,
107.9992

Harmonies

Analogous

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



34.0265, 27.4514, 27.7371



32.4338, 27.4514, 19.2120



29.1593, 27.4514, 14.5883

Triad

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



32.4338, 27.4514, 19.2120



19.9835, 27.4514, 22.2015



26.8698, 27.4514, 55.8053

Complementary

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



32.4338, 27.4514, 19.2120



32.7562, 40.0019, 56.4467

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.



23.2472, 27.4514, 53.3024



32.4338, 27.4514, 19.2120



19.4976, 27.4514, 32.1513

Square

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



32.4338, 27.4514, 19.2120



22.0333, 27.4514, 15.9994



20.6355, 27.4514, 43.9333



30.6202, 27.4514, 50.1228

Rectangle

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



32.4338, 27.4514, 19.2120



26.5940, 27.4514, 13.5336



20.6355, 27.4514, 43.9333



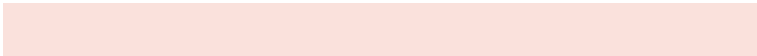
25.5958, 27.4514, 55.9085

Sweetspot

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



32.4345, 27.4527, 19.2125



79.1627, 79.2033, 78.7645



36.2380, 26.4841, 46.9181



16.7365, 16.6442, 16.3669



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.



32.4345, 27.4527, 19.2125



53.2523, 42.1156, 24.7077



38.4282, 39.4401, 21.2104



10.2025, 10.3365, 10.5193



14.9994, 8.2846, 0.8085



0.6905, 0.4428, 0.0491

Inverse Universe

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



32.7562, 40.0019, 56.4467



53.8724, 67.6172, 100.5723



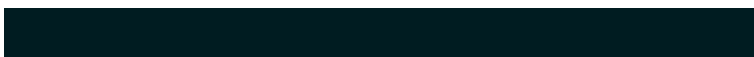
25.9608, 26.4110, 54.1816



10.2247, 11.1406, 12.8963



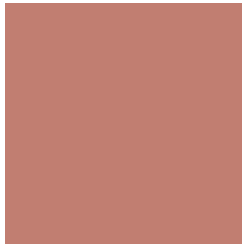
15.0015, 19.7596, 36.5799



0.6862, 0.9299, 1.5932

Previews

White Background



This preview shows how the XYZ color 32.4338, 27.4514, 19.2120 looks on a white background.

Color Contrast Check

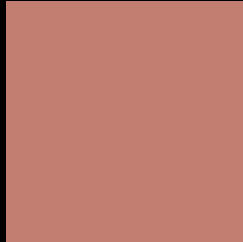
Large Text (above 18pt) WCAG AA ✓ Pass

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 32.4338, 27.4514, 19.2120 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

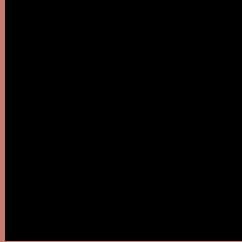
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 32.4338, 27.4514, 19.2120

Background



This preview shows how black text looks on a background with the XYZ color 32.4338, 27.4514, 19.2120.



This preview shows how white text looks on a background with the XYZ color 32.4338, 27.4514,

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

32.4338, 27.4514, 19.2120

Protanopia

26.0361, 27.6047, 22.0451

Deuteranopia

28.1062, 27.6495, 18.8945



Tritanopia

33.7535, 27.4340, 25.3461

Trichromacy



Original Color

32.4338, 27.4514, 19.2120

Protanomaly

27.9416, 27.3063, 20.9375

Deuteranomaly

29.5812, 27.5672, 19.0911

Tritanomaly

33.1575, 27.3653, 22.9365

Monochromacy



Original Color

32.4338, 27.4514, 19.2120

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

28.2224, 27.5518, 26.0208

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.4338, 27.4514, 19.2120 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(193, 126, 113)` looks like.

```
.text, #text, p{  
    color:rgb(193, 126, 113)  
}
```

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(193, 126, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 126, 113) }
```

Border

The CSS property to change the border of an element to XYZ 32.4338, 27.4514, 19.2120 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(193, 126, 113) }
```


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

```
.border{ border-color:rgb(193, 126, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 126, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 126, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 126, 113);  
box-shadow:4px 4px 4px 4px rgb(193, 126,  
113) }
```

Background

The CSS property to change the background color of an element to XYZ 32.4338, 27.4514, 19.2120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 126, 113) }
```

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

```
.background{ background-color: rgb(193,  
126, 113) }
```

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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