

Converting Colors

XYZ(32.8285, 27.0939, 19.1222)

Have a look what the booklet for
XYZ(32.8285, 27.0939, 19.1222)
contains.

XYZ(32.8285, 27.0939, 19.1222)	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(32.8285, 27.0939,
19.1222)**

Conversions

Conversions Part 1

Format	Color
Hex	C47B71
RGB	196, 123, 113
RGB Percent	77%, 48%, 44%
CMY	0.2314, 0.5176, 0.5569
CMYK	0.00, 0.37, 0.42, 0.23
HSL	7°, 41%, 61%
HSV	7°, 42%, 77%
XYZ	32.8285, 27.0939, 19.1222
YIQ	143.6870, 46.7180, 12.3660

Conversions

Conversions Part 2

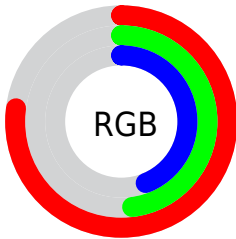
Format	Color
RYB	196, 124, 113
Decimal	12876657
CIELab	59.06, 27.27, 17.41
CIELCh	59, 32.358, 32.560
Yxy	27.0939, 0.4153, 0.3428
Android (android.graphics.Color)	4291066737 (0xFFC47B71)
YUV	143.6870, -15.1287, 45.8785
Hunter-Lab	52.0518, 21.4873, 14.6550

Details

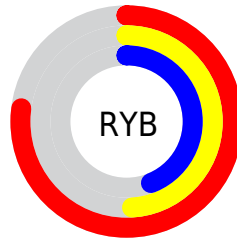
The XYZ color **32.8285, 27.0939, 19.1222** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **34.3319, 42.6122, 58.6399**, and the grayscale version is **26.4297, 27.8061, 30.2809**.

A 20% lighter version of the original color is **63.5569, 55.0273, 42.8688**, and **14.1519, 10.7222, 6.3247** is the 20% darker color. If you saturate the color by 10%, you get **29.8886, 22.7934, 13.2736**, and if you desaturate by 10%, it is **36.3846, 32.2454, 26.3524**.

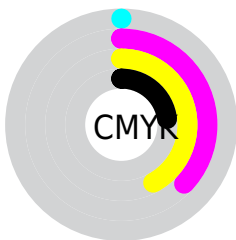
Distribution



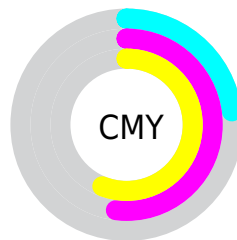
- Red (77%)
- Green (48%)
- Blue (44%)



- Red (77%)
- Yellow (49%)
- Blue (44%)



- Cyan (0%)
- Magenta (37%)
- Yellow (42%)
- Black (23%)





- Cyan (23%)
- Magenta (52%)
- Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.8285, 27.0939, 19.1222 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 32.8285, 27.0939, 19.1222 by changing the saturation by 10% instead.


 32.8285, 27.0939,
19.1222


 32.8285, 27.0939,
19.1222


306.5549,
288.1115, 259.5677


 22.1537, 17.6438,
11.5809


 63.4642, 55.0345,
42.7799


 14.0871, 10.6945,
6.3399


 84.1557, 74.2938,
59.7334

 8.2634, 5.8618,
2.9808


 108.9169, 97.5915,
80.6615

 4.3172, 2.7612,
1.0848

 138.1131,
125.3122, 105.9825

 1.8831, 1.0084,
0.0000

172.1097,
157.8401, 136.1151

 0.5670, 0.0000,
0.0000

211.2719,

 0.0000, 0.0000,

195.5597, 171.4778

0.0000

255.9652,
238.8553, 212.4892

■ 32.8285, 27.0939,
19.1222

■ 32.8285, 27.0939,
19.1222

■ 29.8886, 22.7934,
13.2736

■ 36.3846, 32.2454,
26.3524

■ 27.5276, 19.2943,
8.7168

■ 40.5873, 38.2861,
35.0429

■ 25.7074, 16.5478,
5.3540


■ 45.4673, 45.2568,
45.2687


■ 24.3841, 14.4982,
3.0725


■ 51.0529, 53.1946,
57.0987

■ 23.5070, 13.0820,
1.7381

■ 57.3707, 62.1345,
70.5980

 23.0838, 12.3736,
1.1717

 64.4459, 72.1097,
85.8280

 72.3025, 83.1521,
102.8469

 76.5749, 90.4757,
108.0354

Harmonies

Analogous

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



34.2677, 27.0939, 28.5233



32.8285, 27.0939, 19.1222



29.4791, 27.0939, 13.8974

Triad

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



32.8285, 27.0939, 19.1222



19.4853, 27.0939, 20.4332



26.0986, 27.0939, 57.5885

Complementary

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



32.8285, 27.0939, 19.1222



34.3319, 42.6122, 58.6399

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.



22.3529, 27.0939, 53.8197



32.8285, 27.0939, 19.1222



18.7786, 27.0939, 30.5001

Square

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



32.8285, 27.0939, 19.1222



21.8134, 27.0939, 14.5044



19.7733, 27.0939, 43.0842



30.1381, 27.0939, 52.3575

Rectangle

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



32.8285, 27.0939, 19.1222



26.7655, 27.0939, 12.5490



19.7733, 27.0939, 43.0842



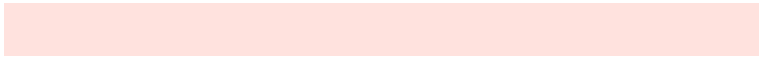
24.7643, 27.0939, 57.3324

Sweetspot

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



32.8292, 27.0952, 19.1227



81.5591, 80.8347, 80.3059



37.5668, 27.1049, 49.8828



17.0146, 16.6711, 16.2586



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.



32.8292, 27.0952, 19.1227



54.4082, 41.6789, 24.5625



39.0539, 39.5447, 21.1976



10.1688, 10.2691, 10.5081



14.8666, 8.0189, 0.7642



0.6754, 0.4126, 0.0440

Inverse Universe

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



34.3319, 42.6122, 58.6399



57.4617, 73.4994, 105.7660



26.8715, 27.6913, 56.1531



10.2616, 11.2145, 12.9086



15.9693, 21.6951, 36.9025



0.7198, 0.9970, 1.6044

Previews

White Background



This preview shows how the XYZ color 32.8285, 27.0939, 19.1222 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 32.8285, 27.0939, 19.1222 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 32.8285, 27.0939, 19.1222

Background



This preview shows how black text looks on a background with the XYZ color 32.8285, 27.0939, 19.1222.



This preview shows how white text looks on a background with the XYZ color 32.8285, 27.0939,

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

32.8285, 27.0939, 19.1222

Protanopia

25.7635, 27.2352, 22.3114

Deuteranopia

27.6965, 27.2326, 18.5485



Tritanopia

33.8926, 27.1568, 24.5745

Trichromacy



Original Color

32.8285, 27.0939, 19.1222

Protanomaly

27.9301, 26.8753, 21.1681

Deuteranomaly

29.4806, 27.1152, 18.7189

Tritanomaly

33.6236, 27.2446, 22.5554

Monochromacy



Original Color

32.8285, 27.0939, 19.1222

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

28.1421, 27.0883, 25.9356

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.8285, 27.0939, 19.1222 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(196, 123, 113)` looks like.

```
.text, #text, p{  
    color:rgb(196, 123, 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(196, 123, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 123, 113) }
```

Border

The CSS property to change the border of an element to XYZ 32.8285, 27.0939, 19.1222 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(196, 123, 113) }
```


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

```
.border{ border-color:rgb(196, 123, 113) }
```

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

Here you see how a box with a 4 pixel rgb(196, 123, 113) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 123, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 123, 113);  
box-shadow:4px 4px 4px 4px rgb(196, 123,  
113) }
```

Background

The CSS property to change the background color of an element to XYZ 32.8285, 27.0939, 19.1222 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 123, 113) }
```

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

```
.background{ background-color: rgb(196,  
123, 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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