

Converting Colors

XYZ(27.2171, 24.7503, 13.3174)

Have a look what the booklet for
XYZ(27.2171, 24.7503, 13.3174)
contains.

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Color

**XYZ(27.1264, 24.6527,
13.2263)**

Conversions

Conversions Part 1

Format	Color
Hex	B07D5B
RGB	176, 125, 91
RGB Percent	69%, 49%, 36%
CMY	0.3098, 0.5098, 0.6431
CMYK	0.00, 0.29, 0.48, 0.31
HSL	24°, 35%, 52%
HSV	24°, 48%, 69%
XYZ	27.1264, 24.6527, 13.2263
YIQ	136.3730, 41.3100, 0.2380

Conversions

Conversions Part 2

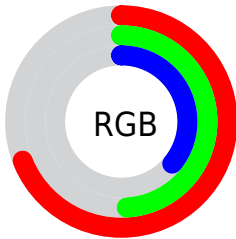
Format	Color
R_{YB}	176, 148, 91
Decimal	11566427
CIE Lab	56.74, 15.68, 26.36
CIE LCh	57, 30.668, 59.248
Yxy	24.6527, 0.4173, 0.3792
Android (android.graphics.Color)	4289756507 (0xFFB07D5B)
YUV	136.3730, -22.3689, 34.7529
Hunter-Lab	49.6515, 10.6309, 18.9622

Details

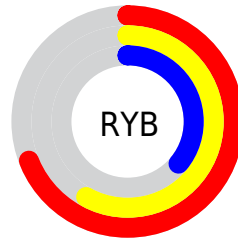
The XYZ color **27.1264, 24.6527, 13.2263** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **21.8233, 24.7035, 44.6920**, and the grayscale version is **23.6127, 24.8424, 27.0534**.

A 20% lighter version of the original color is **54.7346, 51.2862, 32.6056**, and **10.9242, 9.4157, 3.6245** is the 20% darker color. If you saturate the color by 10%, you get **25.1881, 21.8519, 9.2636**, and if you desaturate by 10%, it is **29.3862, 27.8114, 18.1751**.

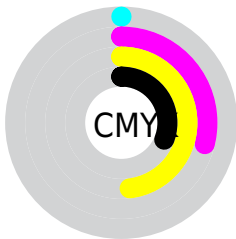
Distribution



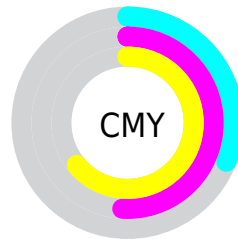
- Red (69%)
- Green (49%)
- Blue (36%)



- Red (69%)
- Yellow (58%)
- Blue (36%)



- Cyan (0%)
- Magenta (29%)
- Yellow (48%)
- Black (31%)





- Cyan (31%)
- Magenta (51%)
- Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 27.1264, 24.6527, 13.2263 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 27.1264, 24.6527, 13.2263 by changing the saturation by 10% instead.


 27.1264, 24.6527,
13.2263


 27.1264, 24.6527,
13.2263


280.4250,
276.1039, 223.6215


 17.8053, 15.8185,
7.4520


 54.5051, 51.0932,
32.4069

 10.9091, 9.3958,
3.6637


 73.2933, 69.4684,
46.6502

 6.0726, 5.0002,
1.4427


 95.9680, 91.7926,
64.5537

 2.9303, 2.2474,
0.1747

 122.8944,
118.4503, 86.5358

 1.1170, 0.7457,
0.0000

154.4380,
149.8259, 113.0151

 0.0393, 0.0000,
0.0000

190.9641,

 0.0000, 0.0000,

186.3038, 144.4101

0.0000

232.8379,
228.2683, 181.1394

■ 27.1264, 24.6527,
13.2263

■ 27.1264, 24.6527,
13.2263

■ 25.1881, 21.8519,
9.2636

■ 29.3862, 27.8114,
18.1751

■ 23.5523, 19.3915,
6.2176

■ 31.9811, 31.3374,
24.1700

■ 22.2007, 17.2577,
4.0118

■ 34.9265, 35.2441,
31.2680

■ 21.1117, 15.4339,
2.5566

■ 38.2358, 39.5433,
39.5214

■ 20.2518, 13.8985,
1.7015

■ 41.9219, 44.2461,
48.9793

■ 20.1202, 13.6617,
1.5765

■ 45.9968, 49.3632,
59.6877

■ 50.4723, 54.9047,
71.6905

■ 55.3594, 60.8805,
85.0291

■ 60.6686, 67.3002,
99.7434

Harmonies

Analogous

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



29.9579, 24.6527, 18.3247



27.1264, 24.6527, 13.2263



23.5220, 24.6527, 11.5739

Triad

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



27.1264, 24.6527, 13.2263



17.2066, 24.6527, 26.5850



26.9544, 24.6527, 47.9519

Complementary

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



27.1264, 24.6527, 13.2263



21.8233, 24.7035, 44.6920

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.



23.3415, 24.6527, 51.7414



27.1264, 24.6527, 13.2263



17.9296, 24.6527, 37.6598

Square

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



27.1264, 24.6527, 13.2263



18.0052, 24.6527, 17.9798



20.0886, 24.6527, 47.5724



29.8517, 24.6527, 38.2236

Rectangle

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



27.1264, 24.6527, 13.2263



21.2372, 24.6527, 12.2127



20.0886, 24.6527, 47.5724



25.7723, 24.6527, 50.0576

Sweetspot

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



27.1270, 24.6539, 13.2268



65.6952, 66.9923, 62.5142



26.5281, 18.6655, 27.7959



13.9689, 14.1683, 12.8829



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



27.1270, 24.6539, 13.2268



45.4513, 39.2904, 16.3490



33.7032, 37.8063, 15.4188



8.7661, 9.0447, 8.9363



14.8167, 10.1320, 1.1748



0.5241, 0.4345, 0.0563

Inverse Universe

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



21.8233, 24.7035, 44.6920



34.6520, 39.3416, 80.2626



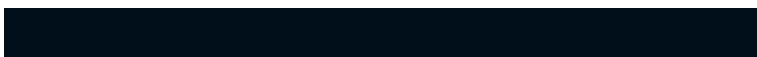
16.6604, 14.3777, 42.9711



8.4517, 9.0496, 10.8076



9.5589, 9.9182, 31.5476



0.3560, 0.4225, 1.0110

Previews

White Background



This preview shows how the XYZ color 27.1264, 24.6527, 13.2263 looks on a white background.

Color Contrast Check

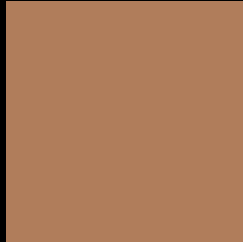
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.1264, 24.6527, 13.2263 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

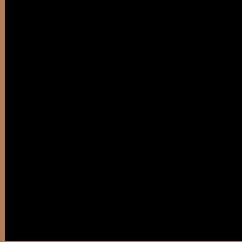
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 27.1264, 24.6527, 13.2263

Background



This preview shows how black text looks on a background with the XYZ color 27.1264, 24.6527, 13.2263.



This preview shows how white text looks on a background with the XYZ color 27.1264, 24.6527,

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

27.1264, 24.6527, 13.2263

Protanopia

22.9481, 24.6559, 14.6159

Deuteranopia

25.1379, 24.5960, 13.0954



Tritanopia

29.2693, 24.6016, 23.9748

Trichromacy



Original Color

27.1264, 24.6527, 13.2263

Protanomaly

24.3722, 24.5798, 14.0495

Deuteranomaly

25.7131, 24.5014, 13.0469

Tritanomaly

28.4141, 24.6218, 19.4746

Monochromacy



Original Color

27.1264, 24.6527, 13.2263

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

24.4039, 24.4379, 21.2001

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.1264, 24.6527, 13.2263 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(176, 125, 91)` looks like.

```
.text, #text, p{  
    color:rgb(176, 125, 91)  
}
```

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(176, 125, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 125, 91) }
```

Border

The CSS property to change the border of an element to XYZ 27.1264, 24.6527, 13.2263 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(176, 125, 91) }
```


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

```
.border{ border-color:rgb(176, 125, 91) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 125, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 125, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 125, 91);  
box-shadow:4px 4px 4px 4px rgb(176, 125,  
91) }
```

Background

The CSS property to change the background color of an element to XYZ 27.1264, 24.6527, 13.2263 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 125, 91) }
```

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

```
.background{ background-color: rgb(176,  
125, 91) }
```

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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