

Converting Colors

XYZ(27.2537, 24.9071, 13.2687)

Have a look what the booklet for
XYZ(27.2537, 24.9071, 13.2687)
contains.

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Color

**XYZ(27.2537, 24.9071,
13.2687)**

Conversions

Conversions Part 1

Format	Color
Hex	B07E5B
RGB	176, 126, 91
RGB Percent	69%, 49%, 36%
CMY	0.3098, 0.5059, 0.6431
CMYK	0.00, 0.28, 0.48, 0.31
HSL	25°, 35%, 52%
HSV	25°, 48%, 69%
XYZ	27.2537, 24.9071, 13.2687
YIQ	136.9600, 41.0350, -0.2850

Conversions

Conversions Part 2

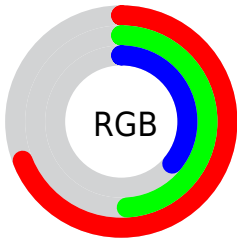
Format	Color
R _Y B	176, 151, 91
Decimal	11566683
CIE Lab	56.98, 15.12, 26.68
CIE LCh	57, 30.667, 60.458
Yxy	24.9071, 0.4165, 0.3807
Android (android.graphics.Color)	4289756763 (0xFFB07E5B)
YUV	136.9600, -22.6583, 34.2381
Hunter-Lab	49.9070, 10.1397, 19.1716

Details

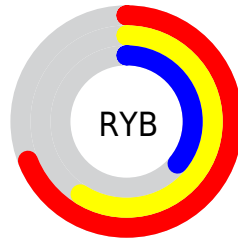
The XYZ color **27.2537, 24.9071, 13.2687** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **21.6754, 24.4077, 44.6430**, and the grayscale version is **23.8353, 25.0766, 27.3084**.

A 20% lighter version of the original color is **54.9343, 51.6856, 32.6722**, and **10.9937, 9.5546, 3.6477** is the 20% darker color. If you saturate the color by 10%, you get **25.3258, 22.1272, 9.3095**, and if you desaturate by 10%, it is **29.4979, 28.0346, 18.2123**.

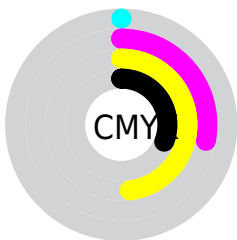
Distribution



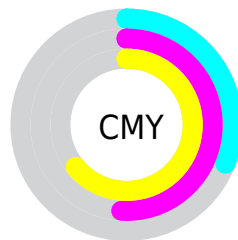
- Red (69%)
- Green (49%)
- Blue (36%)



- Red (69%)
- Yellow (59%)
- Blue (36%)



- Cyan (0%)
- Magenta (28%)
- Yellow (48%)
- Black (31%)





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

Brightness & Saturation Gradients


These gradients show how the XYZ color 27.2537, 24.9071, 13.2687 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 27.2537, 24.9071, 13.2687 by changing the saturation by 10% instead.


 27.2537, 24.9071,
13.2687


 27.2537, 24.9071,
13.2687


281.0286,
277.3750, 223.9006


 17.9014, 16.0079,
7.4809


 54.7077, 51.5065,
32.4839

 10.9785, 9.5297,
3.6817


 73.5402, 69.9754,
46.7484

 6.1196, 5.0883,
1.4524


 96.2634, 92.4030,
64.6756

 2.9593, 2.2991,
0.1821

 123.2428,
119.1737, 86.6841

 1.1323, 0.7733,
0.0000

154.8436,
150.6718, 113.1922

 0.0518, 0.0000,
0.0000

191.4313,

 0.0000, 0.0000,

187.2818, 144.6187

0.0000

233.3712,
229.3881, 181.3819

■ 27.2537, 24.9071,
13.2687

■ 27.2537, 24.9071,
13.2687

■ 25.3258, 22.1272,
9.3095

■ 29.4979, 28.0346,
18.2123

■ 23.6957, 19.6781,
6.2653

■ 32.0719, 31.5187,
24.2002

■ 22.3451, 17.5464,
4.0599

■ 34.9907, 35.3723,
31.2894

■ 21.2529, 15.7163,
2.6036

■ 38.2675, 39.6066,
39.5321

■ 20.3860, 14.1668,
1.7462

■ 41.9151, 44.2324,
48.9771

■ 20.2529, 13.9269,
1.6207

■ 45.9453, 49.2598,
59.6707

■ 50.3695, 54.6988,
71.6565

■ 55.1986, 60.5587,
84.9759

■ 60.4431, 66.8488,
99.6686

Harmonies

Analogous

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



30.1567, 24.9071, 18.2595



27.2537, 24.9071, 13.2687



23.6182, 24.9071, 11.7320

Triad

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



27.2537, 24.9071, 13.2687



17.4034, 24.9071, 27.2784



27.3591, 24.9071, 48.0527

Complementary

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



27.2537, 24.9071, 13.2687



21.6754, 24.4077, 44.6430

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.



23.7288, 24.9071, 52.1705



27.2537, 24.9071, 13.2687



18.1931, 24.9071, 38.4629

Square

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



27.2537, 24.9071, 13.2687



18.1467, 24.9071, 18.4711



20.4213, 24.9071, 48.2851



30.2218, 24.9071, 38.1175

Rectangle

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



27.2537, 24.9071, 13.2687



21.3352, 24.9071, 12.4616



20.4213, 24.9071, 48.2851



26.1766, 24.9071, 50.2610

Sweetspot

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



27.2543, 24.9083, 13.2692



65.7887, 67.1793, 62.5453



26.5282, 18.6655, 27.7960



13.9917, 14.2140, 12.8905



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.



27.2543, 24.9083, 13.2692



45.7019, 39.7916, 16.4325



33.7034, 37.8065, 15.4189



8.7742, 9.0609, 8.9390



14.9147, 10.3280, 1.2074



0.5274, 0.4411, 0.0574

Inverse Universe

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



21.6754, 24.4077, 44.6430



34.3464, 38.7303, 80.1608



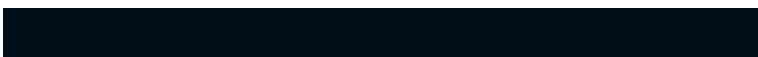
16.6605, 14.3778, 42.9714



8.4434, 9.0330, 10.8049



9.4054, 9.6111, 31.4964



0.3517, 0.4140, 1.0096

Previews

White Background



This preview shows how the XYZ color 27.2537, 24.9071, 13.2687 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 27.2537, 24.9071, 13.2687 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

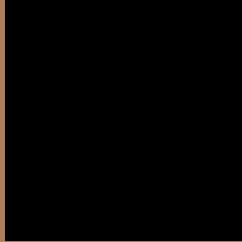
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 27.2537, 24.9071, 13.2687

Background



This preview shows how black text looks on a background with the XYZ color 27.2537, 24.9071, 13.2687.



This preview shows how white text looks on a background with the XYZ color 27.2537, 24.9071,

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

27.2537, 24.9071, 13.2687

Protanopia

23.2697, 25.0317, 14.6715

Deuteranopia

25.4788, 24.9701, 13.1497



Tritanopia

29.4570, 24.8702, 24.3670

Trichromacy



Original Color

27.2537, 24.9071, 13.2687

Protanomaly

24.5085, 24.8523, 14.0949

Deuteranomaly

26.0579, 24.8737, 13.1006

Tritanomaly

28.5954, 24.8918, 19.8205

Monochromacy



Original Color

27.2537, 24.9071, 13.2687

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

24.5402, 24.7104, 21.2455

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.2537, 24.9071, 13.2687 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, 126, 91)` looks like.

```
.text, #text, p{  
    color:rgb(176, 126, 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, 126, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 126, 91) }
```

Border

The CSS property to change the border of an element to XYZ 27.2537, 24.9071, 13.2687 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, 126, 91) }
```


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

```
.border{ border-color:rgb(176, 126, 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, 126, 91) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 126, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 126, 91);  
box-shadow:4px 4px 4px 4px rgb(176, 126,  
91) }
```

Background

The CSS property to change the background color of an element to XYZ 27.2537, 24.9071, 13.2687 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 126, 91) }
```

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

```
.background{ background-color: rgb(176,  
126, 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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