

Converting Colors

XYZ(27.3047, 25.9610, 11.3392)

Have a look what the booklet for
XYZ(27.3047, 25.9610, 11.3392)
contains.

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Color

**XYZ(27.2807, 25.9406,
11.3538)**

Conversions

Conversions Part 1

Format	Color
Hex	AF8351
RGB	175, 131, 81
RGB Percent	69%, 51%, 32%
CMY	0.3137, 0.4863, 0.6823
CMYK	0.00, 0.25, 0.54, 0.31
HSL	32°, 37%, 50%
HSV	32°, 54%, 69%
XYZ	27.2807, 25.9406, 11.3538
YIQ	138.4560, 42.2740, -6.2220

Conversions

Conversions Part 2

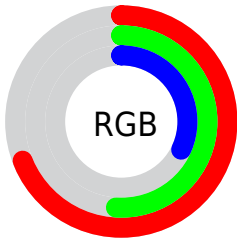
Format	Color
RYB	164, 175, 81
Decimal	11502417
CIELab	57.98, 10.94, 33.42
CIELCh	58, 35.161, 71.877
Yxy	25.9406, 0.4225, 0.4017
Android (android.graphics.Color)	4289692497 (0xFFAF8351)
YUV	138.4560, -28.3258, 32.0491
Hunter-Lab	50.9319, 6.4792, 22.4353

Details

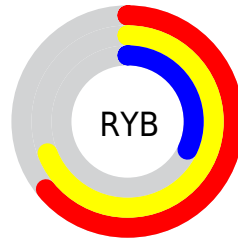
The XYZ color **27.2807, 25.9406, 11.3538** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **18.4646, 19.5110, 43.3502**, and the grayscale version is **24.4260, 25.6981, 27.9852**.

A 20% lighter version of the original color is **54.8415, 53.2433, 28.8593**, and **11.0518, 10.1431, 2.8887** is the 20% darker color. If you saturate the color by 10%, you get **25.6503, 23.5982, 7.9795**, and if you desaturate by 10%, it is **29.1684, 28.5271, 15.6488**.

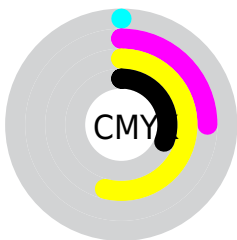
Distribution



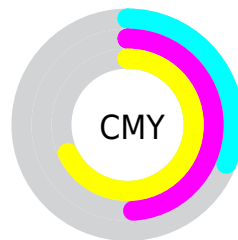
- Red (69%)
- Green (51%)
- Blue (32%)



- Red (64%)
- Yellow (69%)
- Blue (32%)



- Cyan (0%)
- Magenta (25%)
- Yellow (54%)
- Black (31%)





- Cyan (31%)
- Magenta (49%)
- Yellow (68%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 27.2807, 25.9406, 11.3538 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 27.2807, 25.9406, 11.3538 by changing the saturation by 10% instead.


 27.2807, 25.9406,
11.3538

 27.2807, 25.9406,
11.3538


281.1565,
282.4904, 210.9028


 17.9218, 16.7792,
6.1882


 54.7507, 53.1791,
28.9592


 10.9932, 10.0772,
2.8892


 73.5925, 72.0250,
42.2360


 6.1295, 5.4502,
1.0383


 96.3260, 94.8679,
59.0536

 2.9654, 2.5137,
0.0000

 123.3166,
122.0921, 79.8306

 1.1355, 0.8835,
0.0000

 154.9296,
154.0820, 104.9854

 0.0545, 0.0000,
0.0000

191.5303,

 0.0000, 0.0000,

191.2221, 134.9368

0.0000

233.4842,
233.8968, 170.1030

■ 27.2807, 25.9406,
11.3538

■ 27.2807, 25.9406,
11.3538

■ 25.6503, 23.5982,
7.9795

■ 29.1684, 28.5271,
15.6488

■ 24.2602, 21.4869,
5.4537

■ 31.3255, 31.3626,
20.9261

■ 23.0935, 19.5976,
3.6959

■ 33.7651, 34.4564,
27.2436

■ 22.1299, 17.9187,
2.6089

■ 36.4991, 37.8162,
34.6544

■ 21.6016, 16.9588,
2.1349

■ 39.5385, 41.4490,
43.2078

■ 42.8936, 45.3619,
52.9502

■ 46.5744, 49.5615,
63.9254

■ 50.5903, 54.0541,
76.1748

■ 54.9503, 58.8460,
89.7380

Harmonies

Analogous

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



31.2406, 25.9406, 15.3460



27.2807, 25.9406, 11.3538



23.0150, 25.9406, 10.9988

Triad

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



27.2807, 25.9406, 11.3538



17.5047, 25.9406, 33.3301



30.5106, 25.9406, 49.4504

Complementary

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



27.2807, 25.9406, 11.3538



18.4646, 19.5110, 43.3502

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.



26.3727, 25.9406, 57.8230



27.2807, 25.9406, 11.3538



19.0680, 25.9406, 46.8821

Square

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



27.2807, 25.9406, 11.3538



17.6884, 25.9406, 21.5845



22.2048, 25.9406, 56.7675



33.2476, 25.9406, 36.1513

Rectangle

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



27.2807, 25.9406, 11.3538



20.5946, 25.9406, 12.6907



22.2048, 25.9406, 56.7675



29.2185, 25.9406, 53.0852

Sweetspot

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



27.2813, 25.9419, 11.3543



64.0623, 66.1391, 58.4713



24.4157, 16.5166, 21.7870



14.0163, 14.4281, 12.3899



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.



27.2813, 25.9419, 11.3543



45.5670, 41.7125, 13.5730



34.1447, 40.1877, 13.7423



8.3447, 8.6942, 8.4517



15.5317, 12.2689, 1.5495



0.4862, 0.4496, 0.0612

Inverse Universe

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



18.4646, 19.5110, 43.3502



28.1681, 29.0359, 76.7567



14.2097, 10.7997, 41.8929



7.8763, 8.3521, 10.1497



7.7577, 6.6492, 29.9191



0.2709, 0.2951, 0.8507

Previews

White Background



This preview shows how the XYZ color 27.2807, 25.9406, 11.3538 looks on a white background.

Color Contrast Check

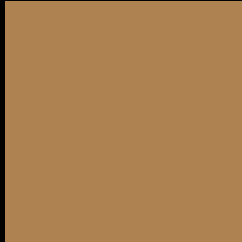
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.2807, 25.9406, 11.3538 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

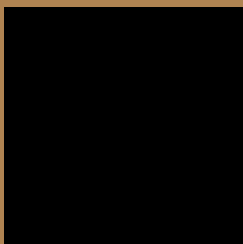
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 27.2807, 25.9406, 11.3538

Background



This preview shows how black text looks on a background with the XYZ color 27.2807, 25.9406, 11.3538.



This preview shows how white text looks on a background with the XYZ color 27.2807, 25.9406,

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

27.2807, 25.9406, 11.3538

Protanopia

24.1152, 26.1686, 12.1675

Deuteranopia

26.4503, 25.9152, 11.3926



Tritanopia

30.2271, 25.9722, 25.9742

Trichromacy



Original Color

27.2807, 25.9406, 11.3538

Protanomaly

25.2049, 26.0929, 11.8916

Deuteranomaly

26.7497, 25.8673, 11.3676

Tritanomaly

29.0440, 25.8815, 19.6845

Monochromacy



Original Color

27.2807, 25.9406, 11.3538

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

24.6374, 25.1916, 20.3936

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.2807, 25.9406, 11.3538 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(175, 131, 81)` looks like.

```
.text, #text, p{  
    color:rgb(175, 131, 81)  
}
```

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(175, 131, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 131, 81) }
```

Border

The CSS property to change the border of an element to XYZ 27.2807, 25.9406, 11.3538 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(175, 131, 81) }
```


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

```
.border{ border-color:rgb(175, 131, 81) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 131, 81)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 131, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 131, 81);  
box-shadow:4px 4px 4px 4px rgb(175, 131,  
81) }
```

Background

The CSS property to change the background color of an element to XYZ 27.2807, 25.9406, 11.3538 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 131, 81) }
```

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

```
.background{ background-color: rgb(175,  
131, 81) }
```

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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